

4 November 2021



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Reference: PN 0441161

Subject: Semi-Annual Reporting (January 2021 – June 2021) – Soil Vapor Extraction System,
Former Spice Room Area

BRRTS No. 02-13-580723 Oscar Mayer Former Spice Room Bldg 43
Facility ID #113004650

Dear Ms. Koepke,

Environmental Resources Management, Inc. (ERM) on behalf of 910 Mayer LLC, has prepared this summary report of operation, maintenance, and monitoring (OM&M) activities completed for the soil vapor extraction (SVE) system installed to address soil gas impacts at the former Spice Room – Building 43 (the “Site”) at 910 Oscar Avenue, Madison, Wisconsin. The purpose of this semi-annual report is to summarize the results of SVE system OM&M activities completed from January through June 2021. The Wisconsin Department of Natural Resources (WDNR) required reporting form (Form 4400-194) is included in Attachment A.

OM&M Objectives

The SVE system OM&M objectives include:

- Maintain run time of greater than 90 percent;
- Reduce trichloroethylene (TCE) concentrations in vadose zone soils underlying the former Spice Room to below WDNR large commercial / industrial Vapor Risk Screening Levels (VRSLS); and
- Routinely optimize OM&M procedures to minimize operational costs.

General Site Information

Site Description

The Site is located in the NE ¼ of the SW ¼ of Section 31, Township 08 North, Range 10 East in Dane County, Madison, Wisconsin (Figure 1). The surrounding property is a mixture of residential properties to the north and east and commercial properties to the south and west. The Facility is a former food processing plant, and the former Spice Room was located in Building 43 (Figure 2).

The Site has been a vacant open space until July 2021, when a tenant began using the space for

storage of solar panels; there were no impacts on OM&M activities during the reporting period January through June.

Topography and Hydrology

The Site is located at an elevation of approximately 575 feet above mean sea level (ft amsl), is generally flat, and slopes slightly to the south. The Site is paved and precipitation is collected by roof drains and stormwater catch basins connected to stormwater pipes that connect into the City of Madison stormwater drains in Oscar Avenue to the east and Commercial Avenue to the south. These ultimately discharge into either Lake Mendota or Lake Monona. The overall topographic trend of the surrounding area also slopes to the south. The nearest surface water body is Lake Mendota.

Geology and Hydrogeology

Shallow soil borings and monitoring wells installed at the Site indicate that it is underlain by up to 11 feet of fill material overlying interbedded clayey-silty-sands to approximately 20 feet bgs (ft bgs). Underlying the layers of clayey silty sand are layers of fine to coarse sand and silty sand to 52 ft bgs based on the log for SR-MW-16B. Deeper boring logs from old production wells indicate that the sands and silty sands extend to approximately 100 ft bgs. Underlying the sands are intervals of silt from approximately 100 to 170 ft bgs and clay from approximately 170 to 250 ft bgs. The depth to sandstone bedrock is approximately 250 ft bgs. Groundwater is encountered between 1.5 and 6.5 ft bgs depending upon the location at the Site. Groundwater flow in the shallow aquifer sands and silty sands is to the southeast.

SVE System Monitoring Methods

Routine monitoring activities to evaluate the SVE System performance were completed in accordance with the WDNR approved Soil Vapor Extraction System Operation, Maintenance, & Monitoring Manual (SVE OM&M Manual) dated 17 November 2020. The following monitoring and reporting activities were completed:

- Groundwater elevations, analytical, and field parameters were collected quarterly at four monitoring locations (SR-MW-14, SR-MW-15, SR-MW-16A, and SR-MW-16B). Groundwater monitoring results are tabulated and compared to the Wisconsin Administrative Code (WAC) Chapter NR 140 Enforcement Standard (ES) and Preventative Action Limit (PAL).
- Negative pressure (vacuum) and photoionization detector (PID) readings were monitored from the network of SVE wells and VPs monthly; and
- SVE System negative pressure (vacuum), PID readings, flow rate, and effluent analytical samples were monitored monthly for chlorinated volatile organic compounds (CVOC) plume capture and mass removal. System performance is evaluated to determine if operational adjustments are required to optimize performance or if transitioning from the SVE System to a sub-slab depressurization system is warranted.

Quarterly Groundwater Monitoring and Sampling

Depth to groundwater measurements were taken in the monitoring wells during each quarterly sampling event to verify the groundwater flow direction in the investigation area. Quarterly monitoring occurred on 4 January 2021 and 19 April 2021. Some monitoring wells were not accessible due to ice and snow on 4 January 2021. Therefore, groundwater elevations were collected during a subsequent site visit on 15 January 2021. Groundwater samples for laboratory analysis were collected and analyzed for volatile organic compounds (VOCs) by Pace Analytical of Green Bay, Wisconsin. Laboratory analytical results were compared to WDNR criteria in WAC ch. NR140. Copies of the laboratory analytical reports are included in Attachment B.

Monthly Sub-Slab Vapor Monitoring

Monthly sub-slab monitoring was performed from January 2021 through June 2021. The first monitoring event was completed during the first week of May 2021. Negative pressure (vacuum) readings were measured at each SVE well and vapor point using a handheld digital manometer. PID readings were also measured to screen for total VOCs. The SVE System was turned off to measure PID readings from the SVE wells only as the PID is not able to overcome the flow induced from the blower. Pressure and PID readings were collected from each location using a $\frac{1}{4}$ " quick connect air fitting and dedicated linear low density polyethylene (LDPE) tubing.

Monthly SVE System Monitoring and Sampling

Monthly influent and effluent monitoring of total VOC screening (PID readings), flowrate, and pressure was performed January 2021 through June 2021. The April monitoring event was completed during the first week of May 2021. Analytical samples were collected from the SVE System effluent monthly. The samples were collected using 6L SUMMA Canisters and LDPE tubing. The samples collected during each event were submitted to Eurofins TestAmerica for laboratory analysis of CVOCs using EPA Method TO-15. Copies of the laboratory analytical reports are included in Attachment B.

Investigation Results

The following summarizes the results of the routine SVE System monitoring.

Groundwater Monitoring Results

The groundwater analytical data for the four Spice Room monitoring wells is presented in Table 1. CVOC concentration maps for July 2020 (prior to system start-up) and April 2021 groundwater analytical results for select CVOCs (TCE, cis-1,2-Dichloroethene (cis-DCE), Tetrachloroethene (PCE), and Vinyl Chloride (VC)) are shown on Figures 3 and 4, respectively.

Shallow Groundwater Concentrations

Concentrations of CVOCs in shallow groundwater at SR-MW-14, SR-MW-15 and SR-MW-16 were relatively low and were primarily decreasing in concentration or were otherwise stable.

At SR-MW-14 concentrations of cis-DCE decreased from a high of 281 ug/l (8/29/2019) to 0.56 ug/l (7/20/2021) and are below the PAL. Concentrations of VC decreased from a high of 68.6 ug/l (8/29/2019) to 0.37 ug/l (7/20/2021) and only slightly exceeds the ES of 0.2 ug/l.

At SR-MW-15 concentrations of PCE decreased from a high of 12.7 ug/l (7/14/2020) to 3.9 ug/l (7/20/2021) and are below the ES. Concentrations of TCE decreased from a high of 1.1 ug/l (5/9/2019) to <0.32 ug/l (7/20/2021) and are below the PAL.

At SR-MW-16A concentrations of TCE slightly decreased from a high of 2.2 ug/l (8/29/2020) to 1.8 ug/l (7/20/2021) and are below the ES. Concentrations of PCE decreased from a high of 3.8 ug/l (4/20/2021) to <0.41 ug/l (7/20/2021) and are below the PAL.

The only CVOC that exceeds the ES in shallow groundwater is VC at SR-MW-14. The concentration of vinyl chloride is decreasing and the current concentration of 0.37 ug/l only slightly exceeds the ES of 0.2 ug/l.

Intermediate Groundwater Concentrations

At SR-MW-16B concentrations of 1,2-Dichloroethane decreased from a high of 50.6 ug/l (8/29/2019) to 24.2 ug/l (7/20/2021) and exceed the ES of 5 ug/l. Concentrations of benzene decreased from a high of 1.3 ug/l (5/9/2019) to 0.32 ug/l (7/20/2021) and are below the PAL. Concentrations of cis-DCE decreased from a high of 82.3 ug/l (8/29/2019) to 38.5 ug/l (7/20/2021) and are below the ES. Concentrations of VC decreased from a high of 3.6 ug/l (4/7/2020) to 0.85 ug/l (7/20/2021) and only slightly exceeds the ES of 0.2 ug/l.

The only CVOCs that exceed the ES in shallow groundwater are 1,2-Dichloroethane and VC. The concentrations of both 1,2-Dichloroethane and VC are decreasing.

Groundwater Flow

Groundwater elevations measured from the four monitoring wells surrounding the Spice Room ranged from approximately 2 to 6 ft bgs, with an average depth of 4 ft bgs. The SVE wells inside Building 43 are constructed to a total depth of 4 ft bgs, with 2 ft of screen. Refer to Table 2 – Summary of Historic Water Level Elevations for the groundwater gauging data and Figure 2 for monitoring well locations.

Shallow and intermediate groundwater flow directions on the 910 Mayer property for January and April 2021 are presented on Figures 5 through 8. Horizontal groundwater flow is southeast from Building 43, and the direction of flow remains consistent from January to April 2021. Groundwater elevations for both shallow and intermediate monitoring wells are higher in April compared to January 2021. This is consistent with the increased frequency of groundwater recharge events during the spring season versus the winter season in the state of Wisconsin.

Sub-Slab Vapor Monitoring Results

Pressure and PID monitoring results are presented in Table 3 – SVE and VP Monitoring Data. The induced range of negative pressure (vacuum) in the extraction wells during the reporting period had the following results:

- Zone 1: -7.73 inches of water (IWC) at SVE 1-1 to -33.72 IWC at SVE 1-3;
- Zone 2: -8.48 IWC at SVE 2-2 to -27.32 IWC at SVE 2-1; and
- Zone 3: -6.64 IWC at SVE 3-5 to -23.14 IWC at SVE 3-3.

The measurable negative pressure (vacuum) in the vapor points ranged from -0.03 IWC at VP-25 to -8.43 at VP-20. There are nine points that either do not have a measurable vacuum or only occasionally have a measurable vacuum including VP-11, VP-12, VP-15, VP-16, VP-17, VP-21, VP-24, VP-25, and VP-26. These vapor points are greater than 40 feet away from the nearest SVE extraction point and are outside the intended zone of influence of the SVE extraction system because concentrations of TCE were either non-detectable or below the large commercial VRSR (*910 Mayer LLC, Madison Wisconsin – Site Investigation Data* dated June 11, 2019). Observation of the PID readings during the same time period concur that these nine vapor points also had low to no results for total VOCs.

SVE System Operational Monitoring and Sampling Results

SVE System monitoring results are reported in Table 4 – SVE System Monitoring Data. Review of the SVE System monitoring data indicates that the average SVE System extraction rate is 225 standard cubic feet per minute (scfm) as measured at flowmeter FIT-101 before the make-up air, and the average applied vacuum is 35 IWC. During the course of this reporting period, the SVE System operated every day (100% up time) with only minor shutdowns for monitoring and maintenance.

The SVE System sample results are reported in Table 5 – SVE System Effluent Analytical Summary. Also refer to Figure 9 –TCE Effluent Concentrations Over Time. The TCE sampling results in the SVE System effluent ranged from a peak of 2,260 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$) the first day of startup in December 2020 to 495 $\mu\text{g}/\text{m}^3$ in June 2021.

The cumulative mass removed for both TCE and total CVOCS is calculated in Table 6 – Cumulative Mass Removal Calculations and graphed on Figure 10 – Cumulative Mass Removal. The average total CVOCS discharge rate is 0.02 pounds per day (lbs/day), which is consistent with the requirements for the *Construction Permit Exemption Application*. Since startup, a total of 1.77 lbs of TCE and 2.15 lbs of total CVOCS were removed by the SVE System.

PID screening results from the December and June sampling events are summarized in Figure 11 - PID and Pressure December 2020 and Figure 12 - PID and Pressure June 2021. Zone 1 PID readings displayed on Figure 11 and 12 reduced to approximately 0 parts per million (ppm) from startup to June 2021. Zone 2 PID readings indicate total VOCs originally contaminated the entire area of Zone 2, but significant concentrations reduced to a small area around SVE 2-1 during system operation. Zone 3 PID readings over the whole Zone 3 area reduced to an area between SVE 3-8 and SVE 3-3 and a small area surrounding VP-22. Within the 6-month monitoring period, the maximum PID reading was 178.8 ppm, recorded in December 2020 from SVE 2-1. In June 2021, the maximum PID reading was 27.8 ppm, taken from VP-31.

Conclusions

The SVE System monitoring and sampling results presented in this report indicate the following:

- Groundwater elevations remained low enough such that the SVE system operated as intended during the monitoring period.
- Groundwater analytical concentrations near the former Spice Room have continued to decline from pre-start-up conditions that were at or near the WAC ch. NR140 ES and PAL.

- The induced negative pressure (vacuum) in the areas with concentrations above the large commercial VRSLs is greater than -0.03 IWC, indicating that the SVE system is recovering the sub-slab vapors as intended.
- The SVE System operated 100% of the time during the reporting period and is operating within design parameters.
- The SVE System is removing on average approximately 0.02 lbs/day total CVOCs. Cumulatively, the SVE System has removed approximately 1.8 lbs of TCE and 2.1 lbs of total CVOCs.

Proposed Modifications to O&M Plan for 2021/2022

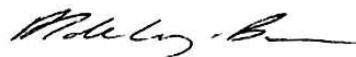
Based on the results, ERM recommends continued operation and monitoring of the SVE System with modifications as discussed verbally with the WDNR in August 2021. ERM proposes the following modifications in the monitoring plan:

- Due to the presence of long-term storage of solar panel inside Building 43 the following changes are required:
 - Suspend monthly monitoring of VP locations from July 2021 to August 2022.
 - Extend SVE system operation from December 2021 to August 2022.
 - Postpone CVOC sampling of VPs to 3rd quarter 2022.
- Due to the low concentrations observed in groundwater the following changes are proposed:
 - Reduce the groundwater monitoring of SR-MW-14, SR-MW-15, and SR-MW-16A/B from quarterly to annual sampling events.
 - Report groundwater analytical results on an annual basis.

Yours sincerely,



Brian Beach
Senior Consultant, Project Manager

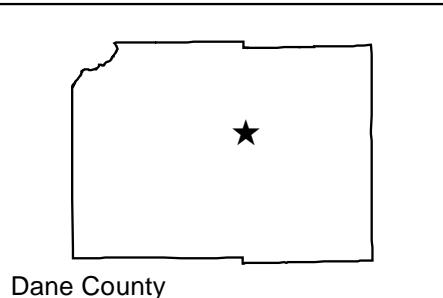
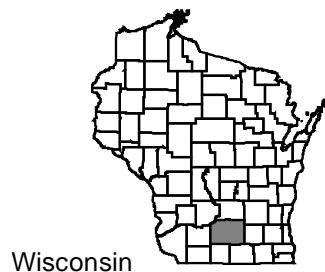


David de Courcy Bower, PEwi
Partner

Enclosures

FIGURES

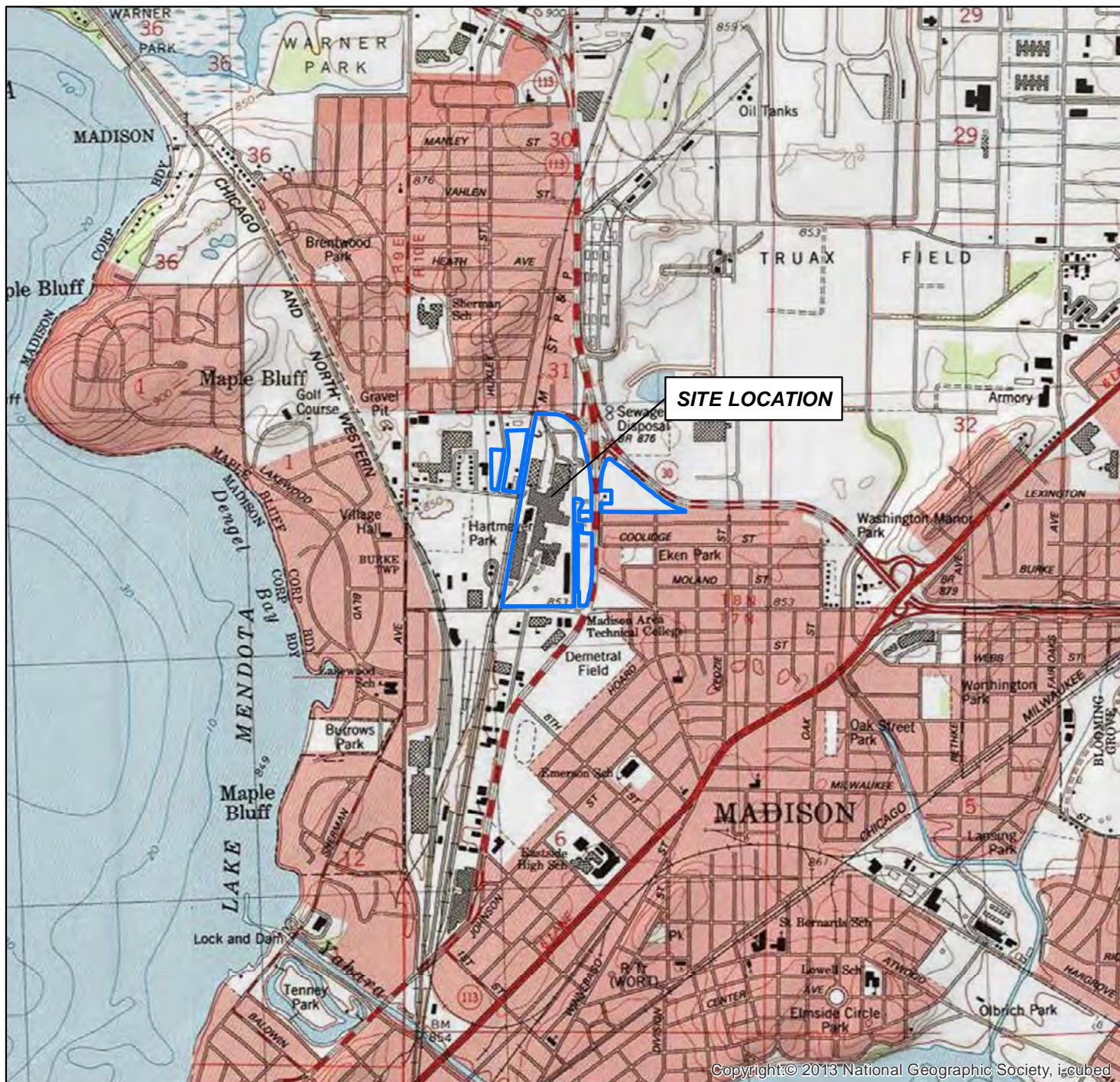
- Figure 1 – Site Location Map
- Figure 2 – Spice Room Sample Location Map
- Figure 3 – Spice Room Groundwater Results July 2020
- Figure 4 – Spice Room Groundwater Results April 2021
- Figure 5 – Shallow Groundwater Contour Map January 2021
- Figure 6 – Intermediate Groundwater Contour Map January 2021
- Figure 7 – Shallow Groundwater Contour Map April 2021
- Figure 8 – Intermediate Groundwater Contour Map April 2021
- Figure 9 – TCE Effluent Concentrations Over Time
- Figure 10 – Cumulative Mass Removal
- Figure 11 – PID and Pressure December 2020
- Figure 12 – PID and Pressure June 2021



0 1,000 2,000 4,000 Feet



LAT. 41.11 LON. -89.356
DANE COUNTY
WISCONSIN



USGS 1:24K 7.5' Quadrangle:
Madison East, WI

SITE LOCATION MAP

910 Mayer LLC

910 Oscar Avenue
Madison
Dane County, Wisconsin

GIS Review: CS

CHK'D: DDCB

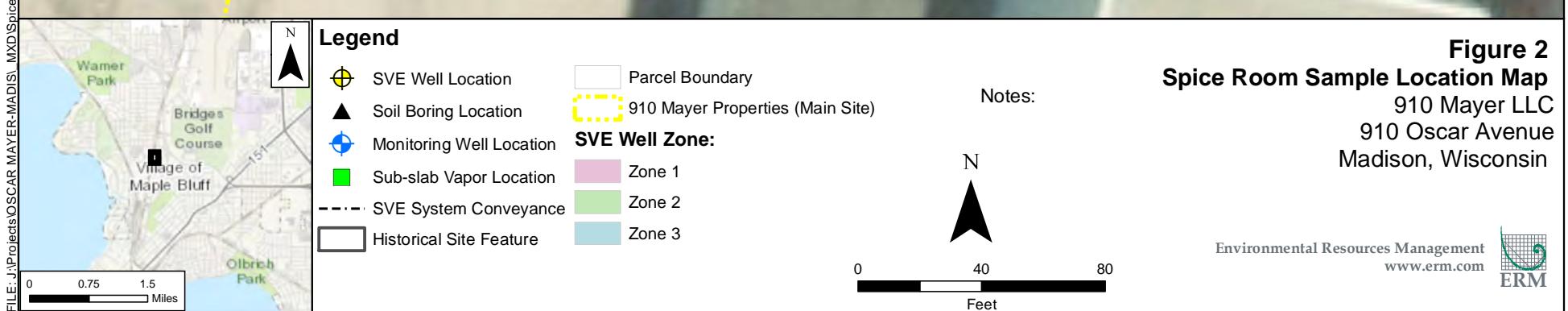
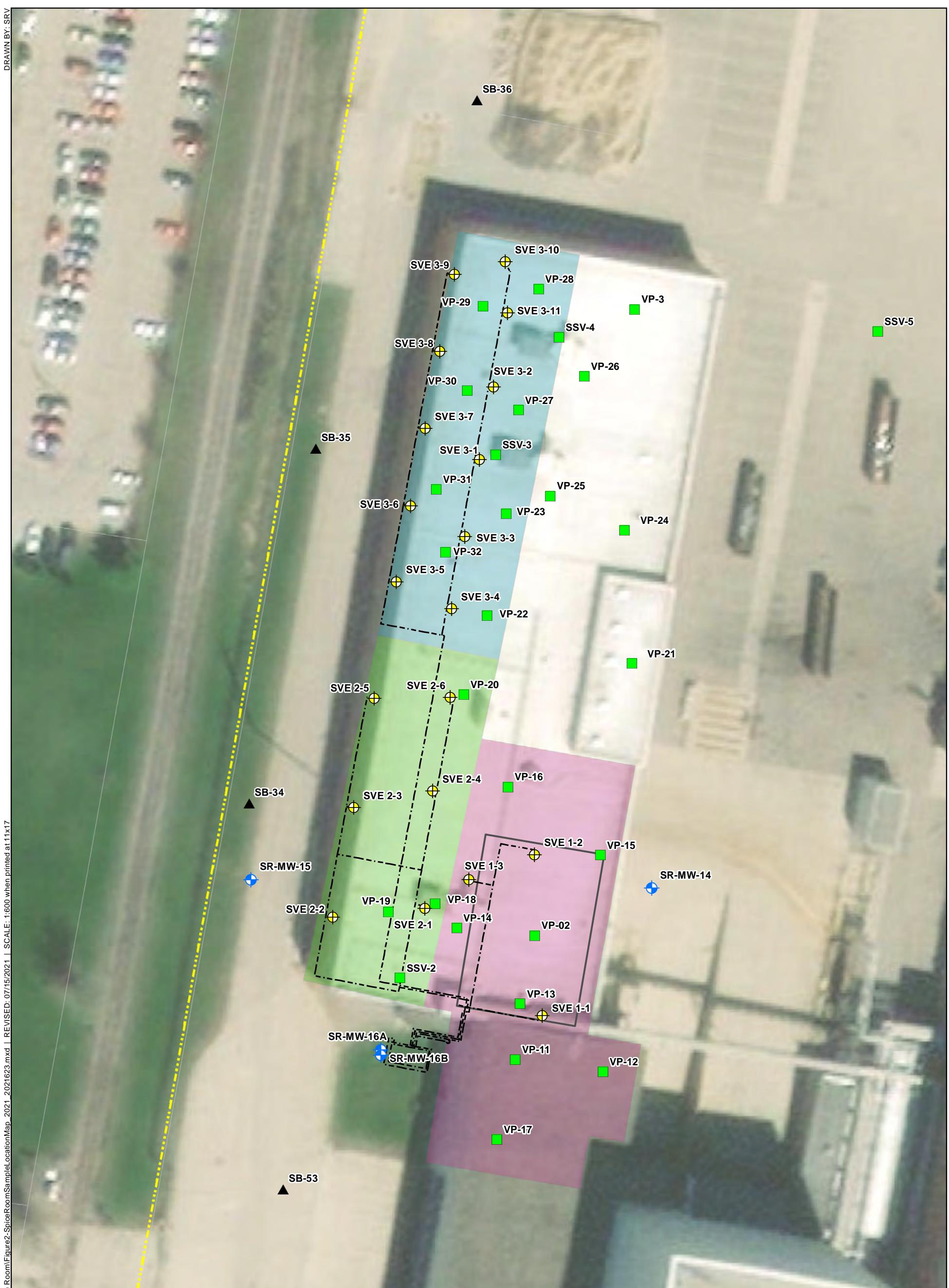
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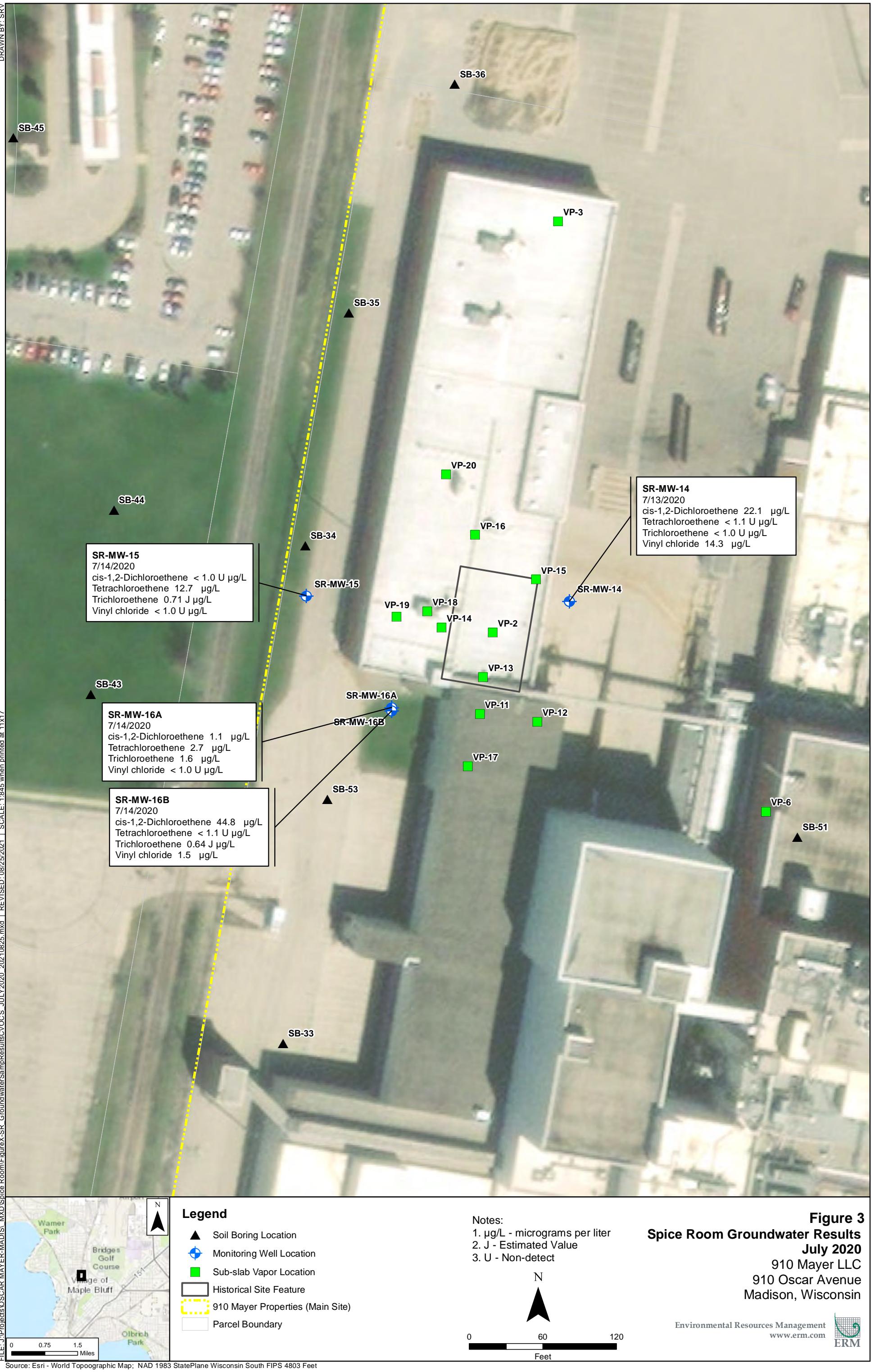


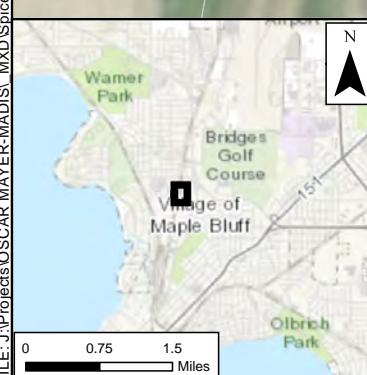
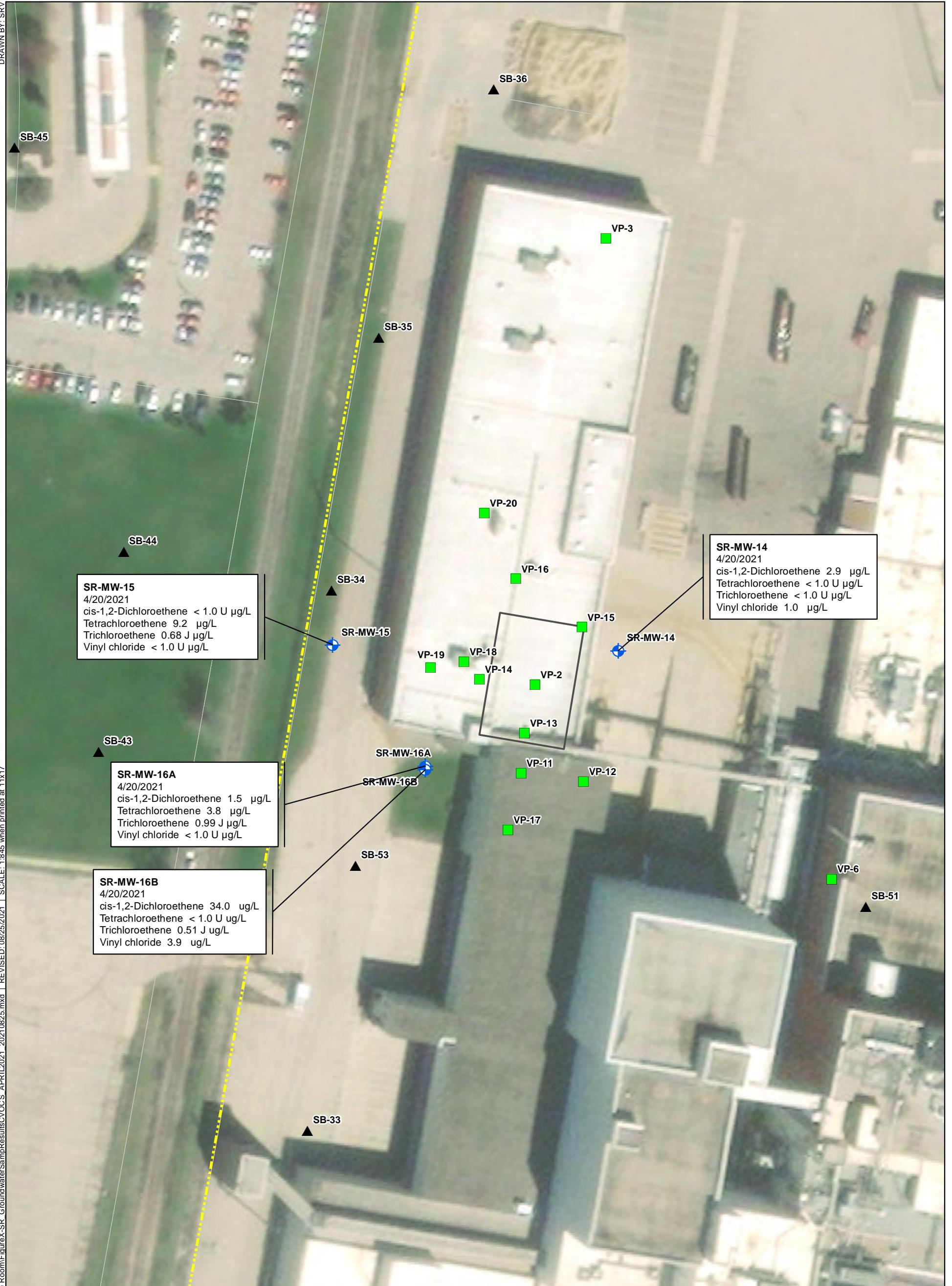
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SRV-6/18/2021

Environmental Resources Management

FIGURE 1





**Legend**

- ▲ Soil Boring Location
- Monitoring Well Location
- Sub-slab Vapor Location
- Historical Site Feature
- 910 Mayer Properties (Main)
- Parcel Boundary

Source: Esri - World Topographic Map; NAD 1983 StatePlane Wisconsin South FIPS 4803 Feet

Notes:
 1. µg/L - micrograms per liter
 2. J - Estimated Value
 3. U - Non-detect

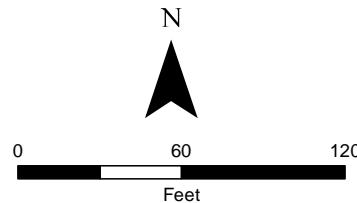


Figure 4
Spice Room Groundwater Results
April 2021
 910 Mayer LLC
 910 Oscar Avenue
 Madison, Wisconsin

Environmental Resources Management
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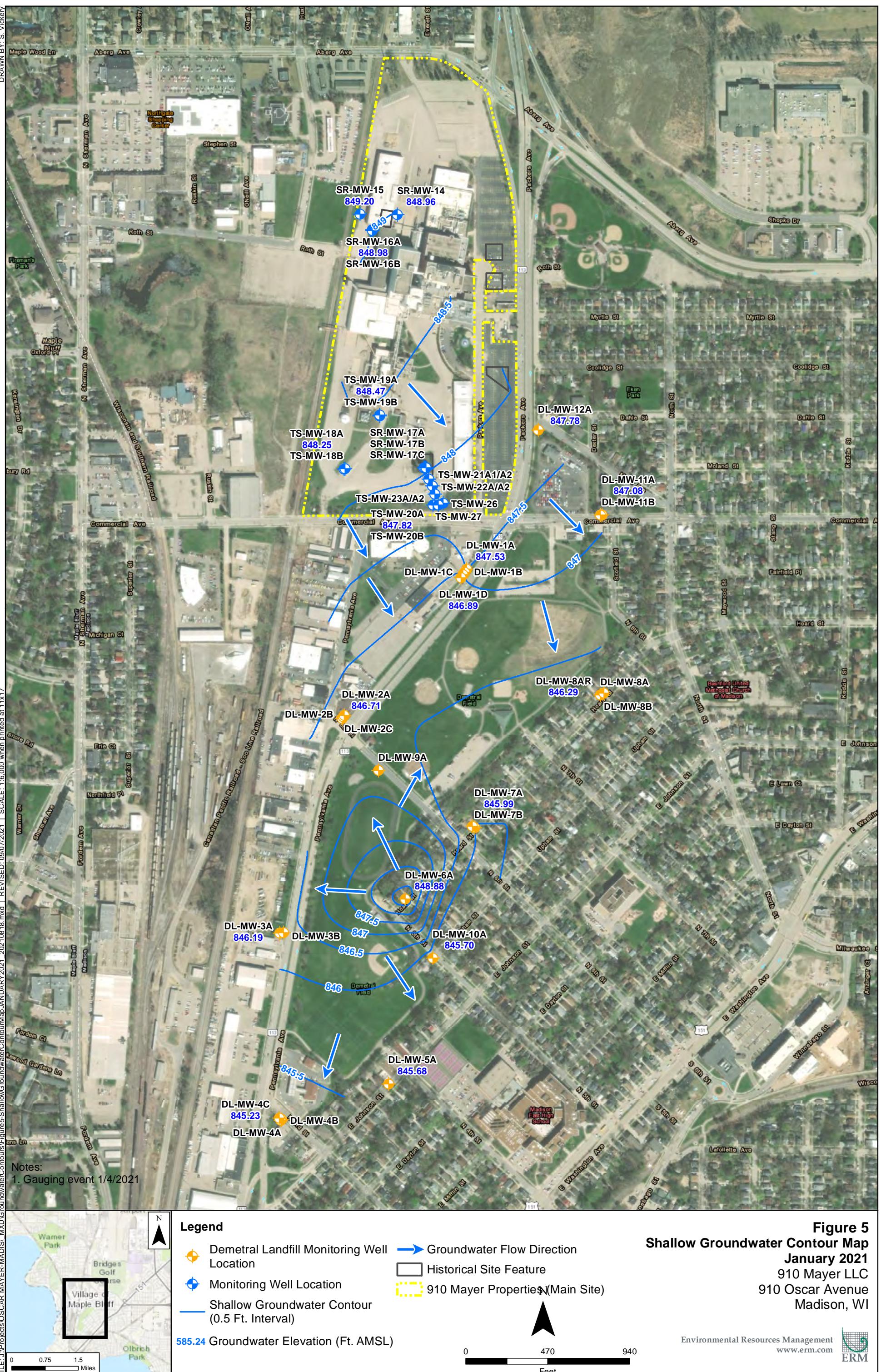
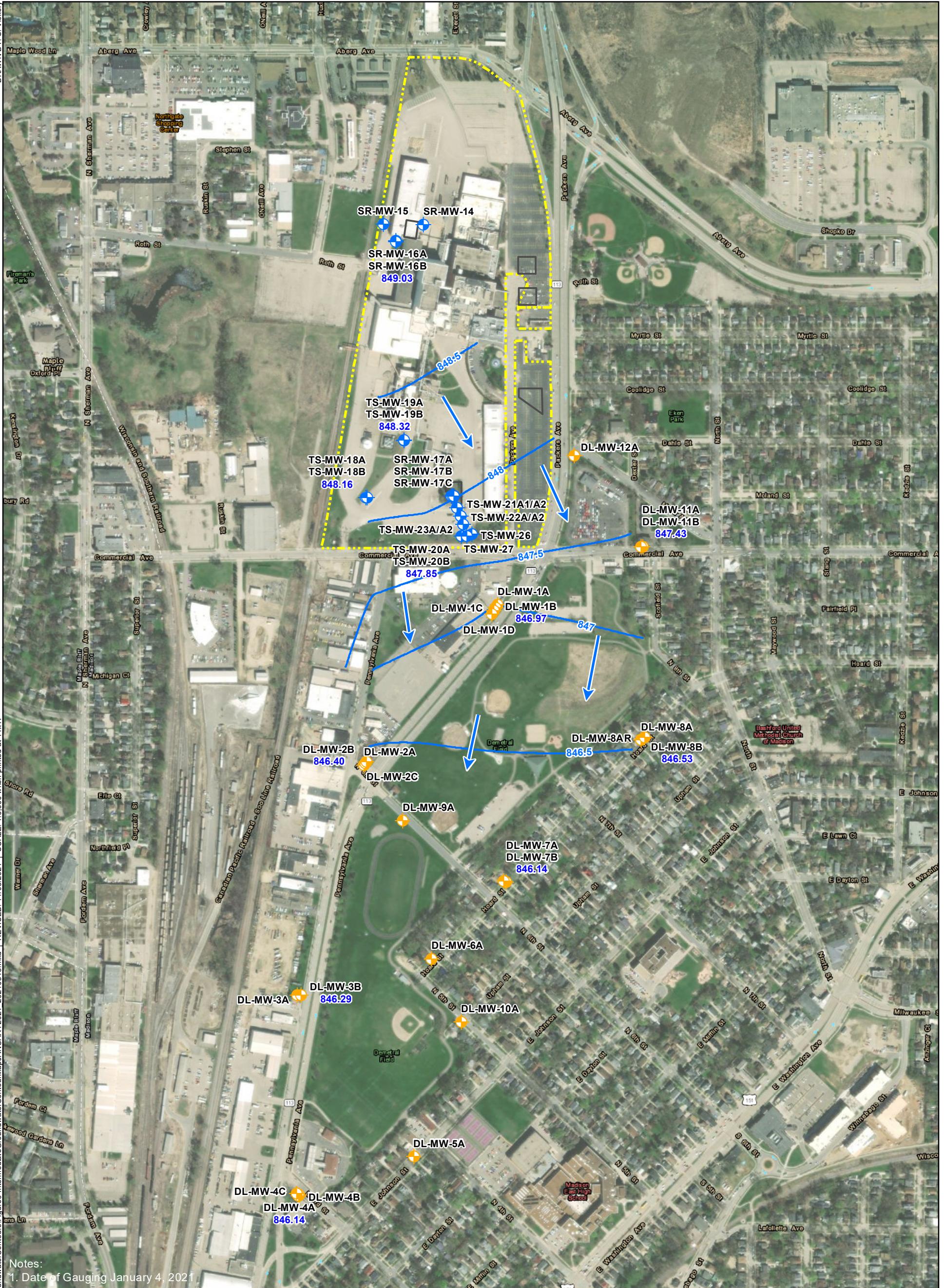


Figure 5
Shallow Groundwater Contour Map
January 2021
910 Mayer LLC
910 Oscar Avenue
Madison, WI

**Legend**

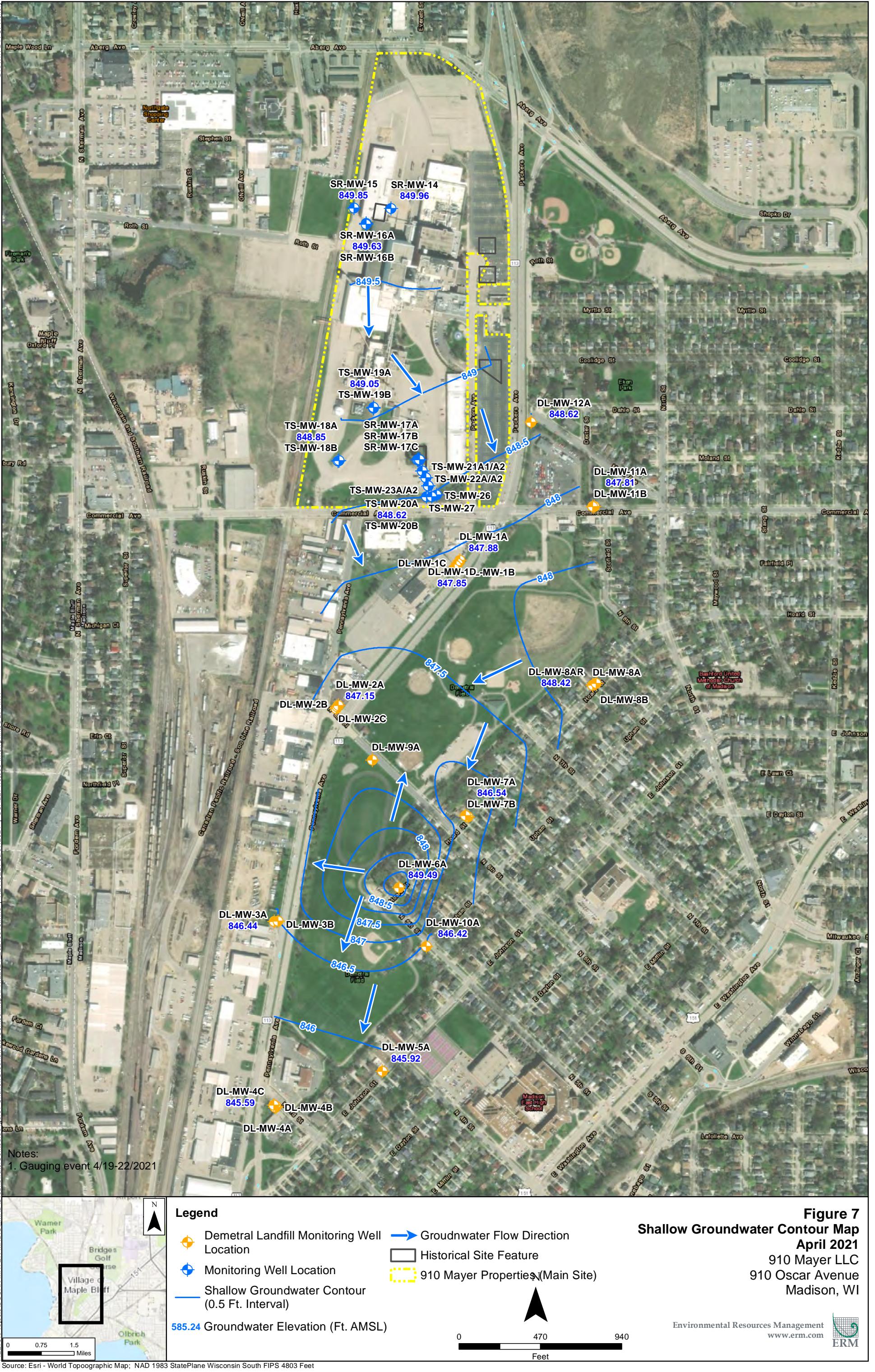
- ◆ Demetal Landfill Monitoring Well Location
- ◆ Monitoring Well Location
- Shallow Groundwater Contour (0.5 Ft. Interval)
- Groundwater Flow Direction
- Historical Site Feature
- 910 Mayer Properties (Main Site)

585.24 Groundwater Elevation (Ft. AMSL)

0 470 940

Environmental Resources Management
www.erm.com**Figure 6**

Intermediate Groundwater Contour Map
January 2021
910 Mayer LLC
910 Oscar Avenue
Madison, WI



**Legend**

- ◆ Demetal Landfill Monitoring Well Location
- ◆ Monitoring Well Location
- ◆ Shallow Groundwater Contour (0.5 Ft. Interval)
- Groundwater Flow Direction
- Historical Site Feature
- 910 Mayer Properties (Main Site)

585.24 Groundwater Elevation (Ft. AMSL)

0.75 Miles

1.5 Miles

Source: Esri - World Topographic Map, NAD 1983 StatePlane Wisconsin South FIPS 4803 Feet

Figure 8
Intermediate Groundwater Contour Map
April 2021
910 Mayer LLC
910 Oscar Avenue
Madison, WI

Environmental Resources Management
www.erm.com

Figure 9
TCE Effluent Concentrations Over Time
910 Mayer LLC
910 Oscar Avenue
Madison, WI

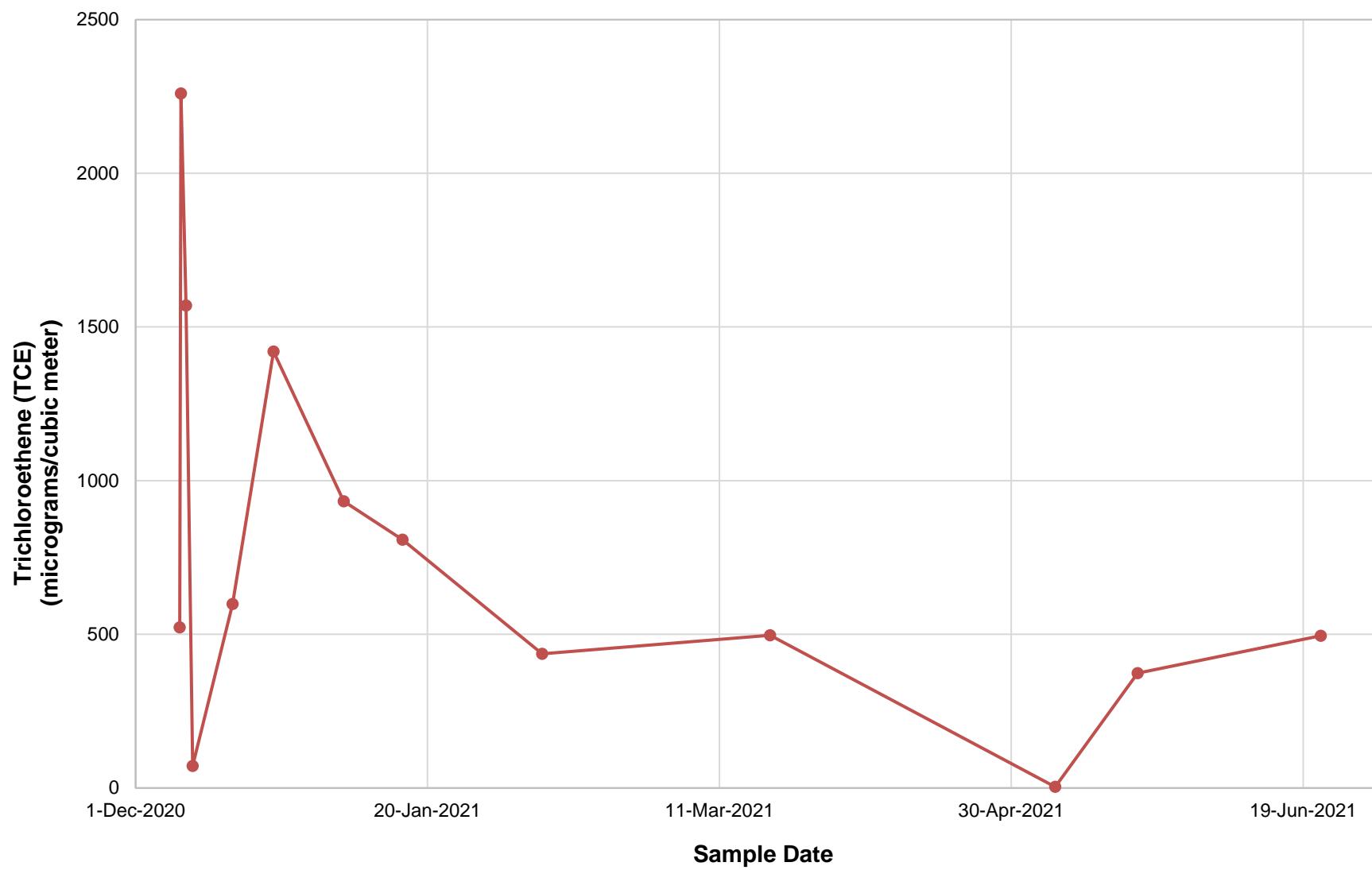
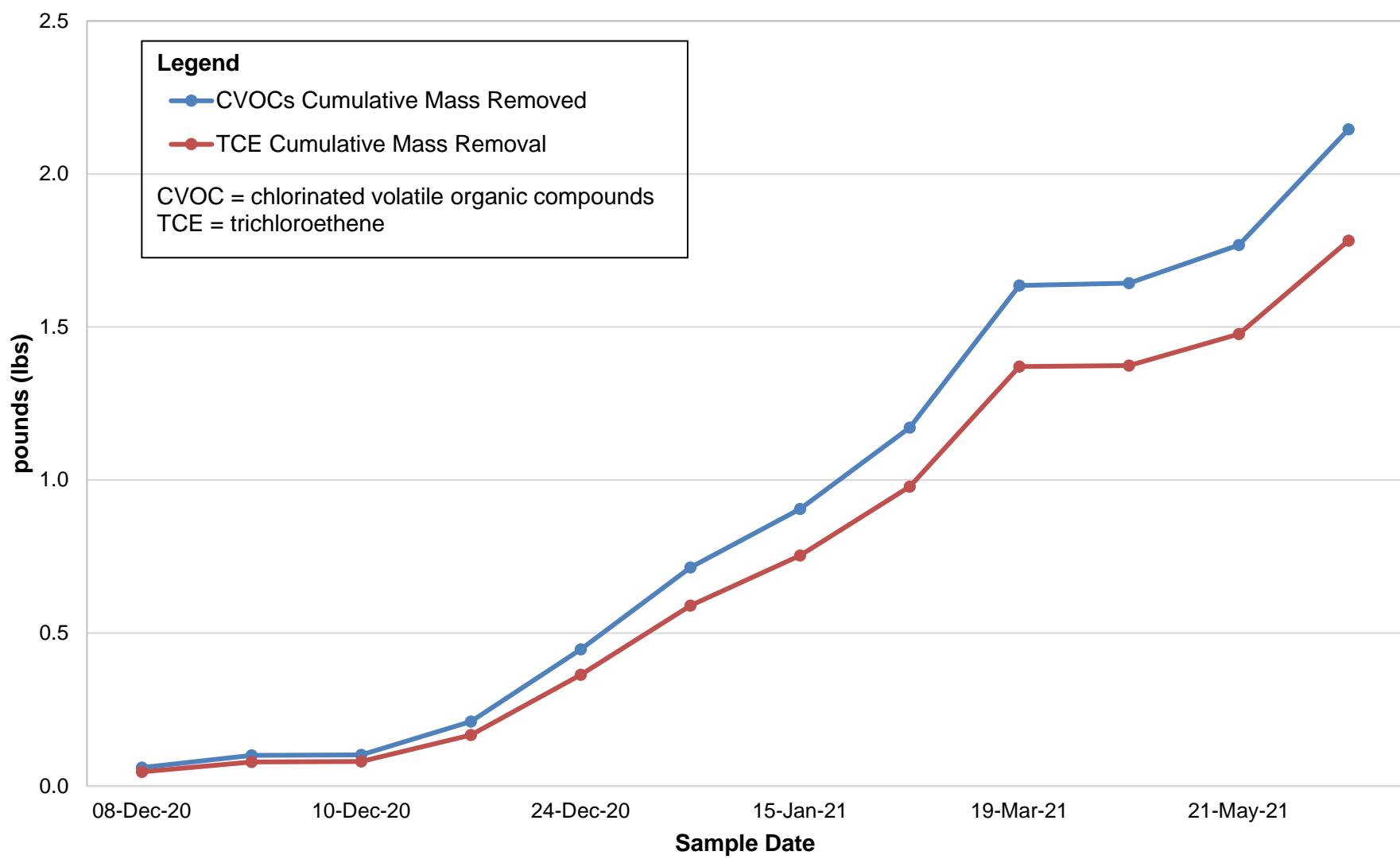
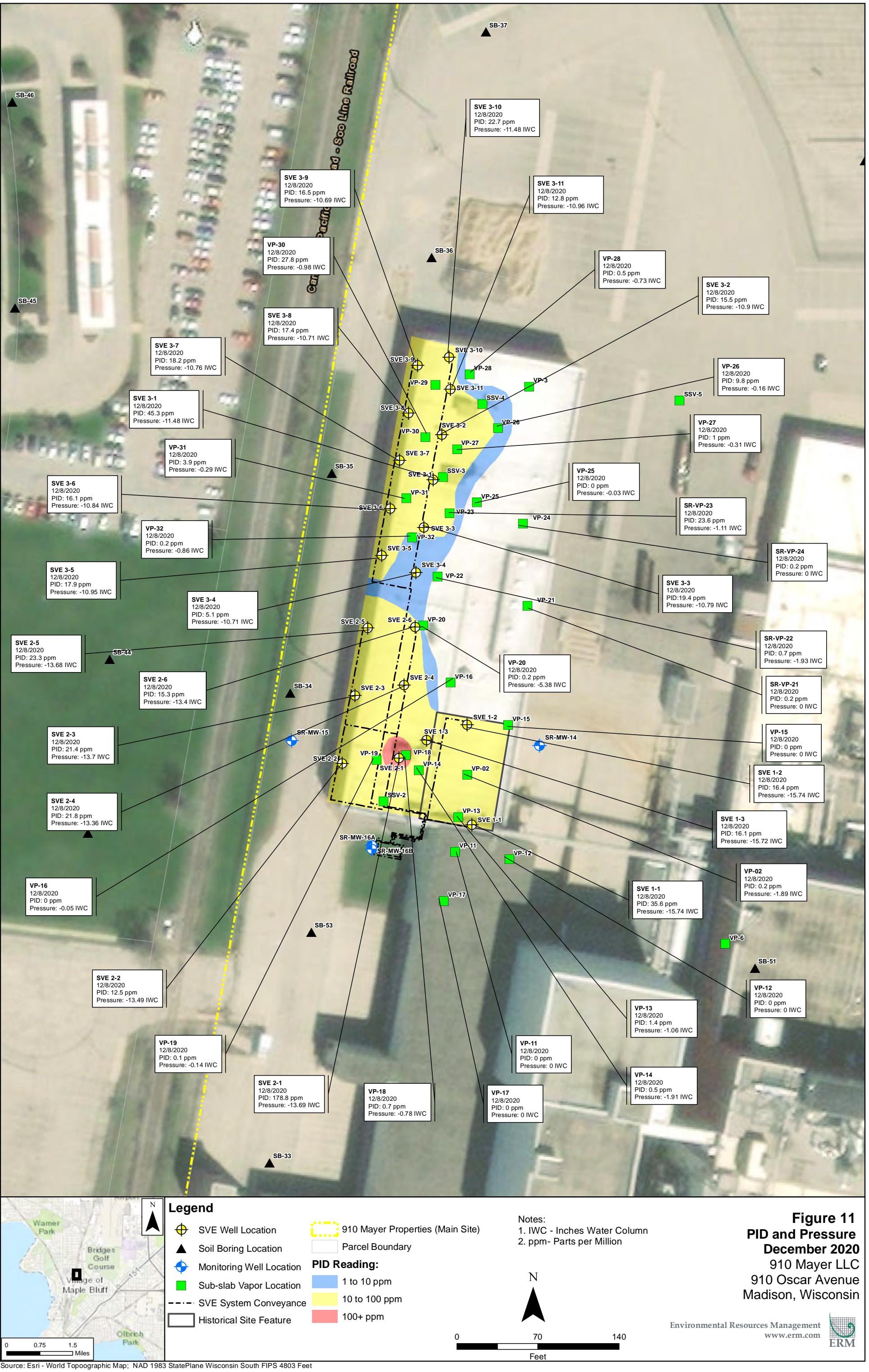
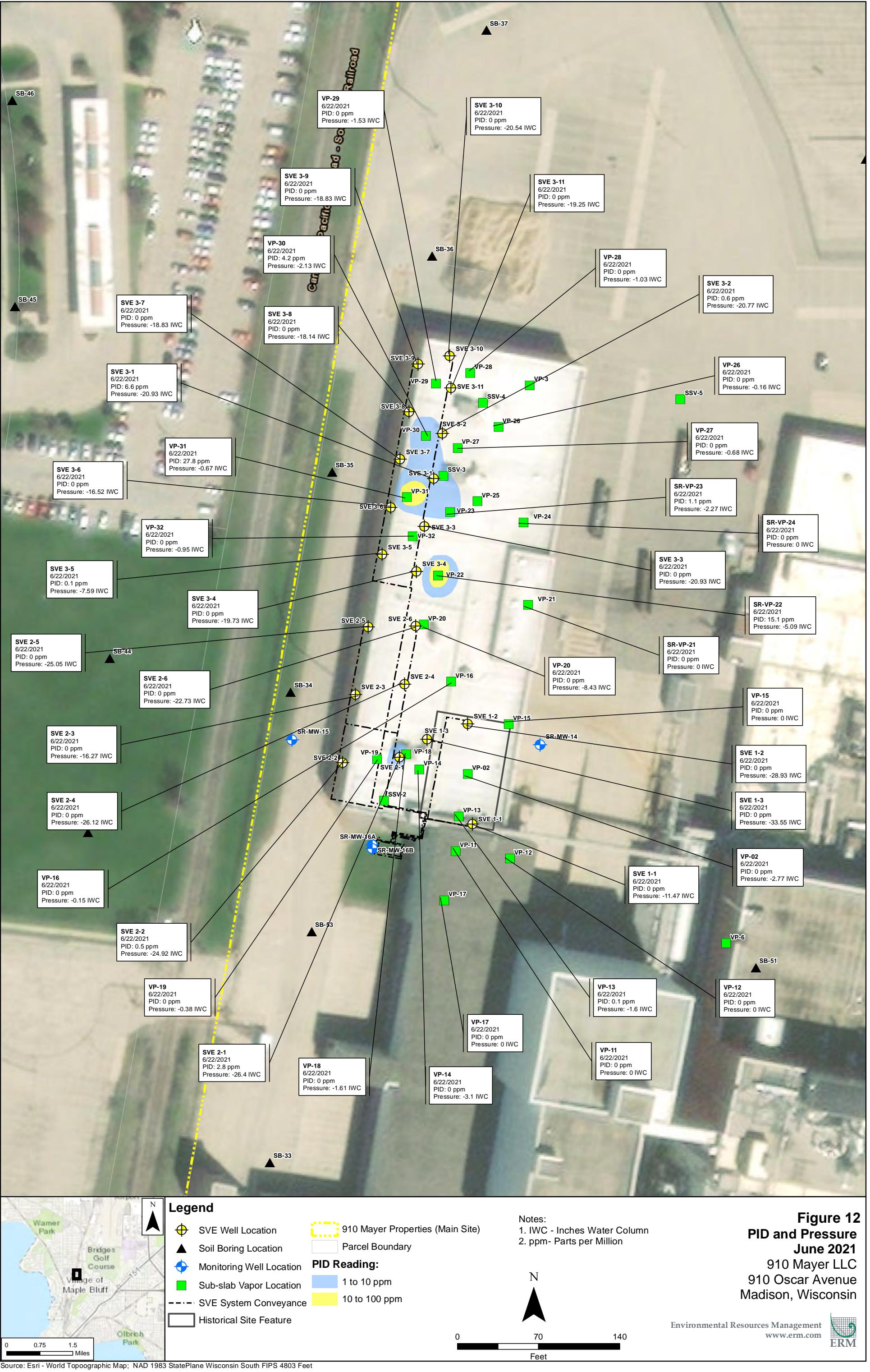


Figure 10
Cumulative Mass Removal

910 Mayer LLC
910 Oscar Avenue
Madison, WI







TABLES

- Table 1 – Summary of Groundwater Analytical Results
- Table 2 – Summary of Historic Water Level Elevations
- Table 3 – SVE and VP Monitoring Data
- Table 4 – SVE System Monitoring Data
- Table 5 – SVE System Effluent Analytical
- Table 6 – Cumulative Mass Removal Calculations

Table 1
Summary of Groundwater Analytical Results
910 Mayer LLC
910 Oscar Avenue
Madison, WI

Analyte	Unit	ES	PAL							
			Location ID	SR-MW-14 5/9/2019 N	SR-MW-14 8/29/2019 N	SR-MW-14 4/7/2020 N	SR-MW-14 7/13/2020 N	SR-MW-14 1/5/2021 N	SR-MW-14 4/20/2021 N	SR-MW-14 7/20/2021 N
			Sample Type	SR-MW-14-WG- 20190509	SR-MW-14-WG- 20190829	SR-MW-14-WG- 20200407	SR-MW-14-WG- 20200713	SR-MW-14-WG- 20210105	SR-MW-14-WG- 20210420	SR-MW-14-WG- 20210720
Analyte	Unit	ES	PAL							
Groundwater										
1,1,1,2-Tetrachloroethane	ug/L	70	7	< 0.27 U	< 1.1	< 0.27	< 0.27	< 0.27	< 0.36	< 0.36
1,1,1-Trichloroethane	ug/L	200	40	< 0.24	< 0.98	< 0.24	< 0.24	< 0.24	< 0.30	< 0.30
1,1,2,2-Tetrachloroethane	ug/L	0.2	0.02	< 0.28	< 1.1	< 0.28	< 0.28	< 0.28	< 0.38	< 0.38
1,1,2-Trichloroethane	ug/L	5	0.5	< 0.55	< 2.2	< 0.55	< 0.55	< 0.55	< 0.34	< 0.34
1,1-Dichloroethane	ug/L	850	85	< 0.27	< 1.1	< 0.27	< 0.27	< 0.27	< 0.30	< 0.30
1,1-Dichloroethene	ug/L	7	0.7	< 0.24	< 0.98	< 0.24	< 0.24	< 0.24	< 0.58	< 0.58
1,1-Dichloropropene	ug/L	NS	NS	< 0.54	< 2.2	< 0.54	< 0.54	< 0.54	< 0.41	< 0.41
1,2,3-Trichlorobenzene	ug/L	NS	NS	< 0.63	< 2.5	< 2.2	< 2.2	< 2.2	< 1.0	< 1.0
1,2,3-Trichloropropane	ug/L	60	12	< 0.59	< 2.4	< 0.59	< 0.59	< 0.59	< 0.56	< 0.56
1,2,4-Trichlorobenzene	ug/L	70	14	< 0.95	< 3.8	< 0.95	< 0.95	< 0.95	< 0.95	< 0.95 L2
1,2,4-Trimethylbenzene	ug/L	480	96	< 0.84	< 3.4	< 0.84	< 0.84	< 0.84	< 0.45	< 0.45
1,2-Dibromo-3-chloropropane	ug/L	0.2	0.02	< 1.8	< 7.1	< 1.8	< 1.8	< 1.8	< 2.4	< 2.4
1,2-Dichlorobenzene	ug/L	600	60	< 0.71	< 2.8	< 0.71	< 0.71	< 0.71	< 0.33	< 0.33
1,2-Dichloroethane	ug/L	5	0.5	< 0.28	< 1.1	< 0.28	< 0.28	< 0.28	< 0.29	< 0.29
1,2-Dichloropropane	ug/L	5	0.5	< 0.28	< 1.1	< 0.28	< 0.28	< 0.28	< 0.45	< 0.45
1,3,5-Trimethylbenzene	ug/L	480	96	< 0.87	< 3.5	< 0.87	< 0.87	< 0.87	< 0.36	< 0.36
1,3-Dichlorobenzene	ug/L	600	120	< 0.63	< 2.5	< 0.63	< 0.63	< 0.63	< 0.35	< 0.35
1,3-Dichloropropane	ug/L	NS	NS	< 0.83	< 3.3	< 0.83	< 0.83	< 0.83	< 0.30	< 0.30
1,4-Dichlorobenzene	ug/L	75	15	< 0.94	< 3.8	< 0.94	< 0.94	< 0.94	< 0.89	< 0.89
2,2-Dichloropropane	ug/L	NS	NS	< 2.3	< 9.1	< 2.3	< 2.3	< 2.3	< 4.2	< 4.2
4-Chlorotoluene	ug/L	NS	NS	< 0.76	< 3.0	< 0.76	< 0.76	< 0.76	< 0.89	< 0.89
4-Isopropyltoluene	ug/L	NS	NS	< 0.80	< 3.2	< 0.80	< 0.80	< 0.80	< 1.0	< 1.0
Benzene	ug/L	5	0.5	< 0.25	< 0.99	< 0.25	< 0.25	< 0.25	< 0.30	< 0.30
Bromobenzene	ug/L	NS	NS	< 0.24	< 0.96	< 0.24	< 0.24	< 0.24	< 0.36	< 0.36
Bromodichloromethane	ug/L	0.6	0.06	< 0.36	< 1.5	< 0.36	< 0.36	< 0.36	< 0.42	< 0.42
Bromoform	ug/L	4.4	0.44	< 4.0	< 15.9	< 4.0	< 4.0	< 4.0	< 3.8	< 3.8
Bromomethane	ug/L	10	1	< 0.97	< 3.9	< 0.97	< 0.97	< 0.97	< 1.2	< 1.2
Carbon tetrachloride	ug/L	5	0.5	< 0.17	< 0.66	< 1.1	< 1.1	< 1.1	< 0.37	< 0.37
Chlorobenzene	ug/L	100	20	< 0.71	< 2.8	< 0.71	< 0.71	< 0.71	< 0.86	< 0.86
Chlorobromomethane	ug/L	NS	NS	< 0.36	< 1.4	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36
Chloroethane	ug/L	400	80	< 1.3	< 5.4	< 1.3	< 1.3	< 1.3	< 1.4	< 1.4
Chloroform	ug/L	6	0.6	< 1.3	< 5.1	< 1.3	< 1.3	< 1.3	< 1.2	< 1.2
Chloromethane	ug/L	30	3	< 2.2	< 8.8	< 2.2	< 2.2	< 2.2	< 1.6	< 1.6
cis-1,2-Dichloroethene	ug/L	70	7	22.4	281	103	22.1	52.6	2.9	0.56 J
cis-1,3-Dichloropropene	ug/L	NS	0.04	< 3.6	< 14.5	< 3.6	< 3.6	< 0.36	< 0.36	< 0.36
Dibromochloromethane	ug/L	60	6	< 2.6	< 10.4	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6
Dibromomethane	ug/L	NS	NS	< 0.94	< 3.7	< 0.94	< 0.94	< 0.94	< 0.99	< 0.99
Dichlorodifluoromethane (Freon 12)	ug/L	1000	200	< 0.50	< 2.0	< 0.50	< 0.50	< 0.50	< 0.46	< 0.46
Ethylbenzene	ug/L	700	140	< 0.22	< 0.87	< 0.32	< 0.32	< 0.32	< 0.33	< 0.33
Ethylene dibromide	ug/L	0.05	0.005	< 0.83	< 3.3	< 0.83	< 0.83	< 0.83	< 0.31	< 0.31
Hexachlorobutadiene	ug/L	NS	NS	< 1.2	< 4.7	< 1.5	< 1.5	< 1.5	< 2.7	< 2.7
Isopropyl ether	ug/L	NS	NS	< 1.9	< 7.6	< 1.9	< 1.9	< 1.9	< 1.1	< 1.1
Isopropylbenzene (Cumene)	ug/L	NS	NS	< 0.39	< 1.6	< 1.7	< 1.7	< 1.7	< 1.0	< 1.0
m,p-Xylenes	ug/L	NS	NS	< 0.47	< 1.9	< 0.47	< 0.47	< 0.47	< 0.70	< 0.70
Methyl tert-butyl ether	ug/L	60	12	< 1.2	< 5.0	< 1.2	< 1.2	< 1.2	< 1.1	< 1.1
Methylene chloride	ug/L	5	0.5	< 0.58	< 2.3	< 0.58	< 0.58	< 0.58	< 0.32	< 0.32
Naphthalene	ug/L	100	10	< 1.2	< 4.7	< 1.2	< 1.2	< 1.2	< 1.1	< 1.1
n-Butylbenzene	ug/L	NS	NS	< 0.71	< 2.8	< 0.71	< 0.71	< 0.71	< 0.86	< 0.86
n-Propylbenzene	ug/L	NS	NS	< 0.81	< 3.2	< 0.81	< 0.81	< 0.81	< 0.35	< 0.35
o-Chlorotoluene (2-chlorotoluene)	ug/L	NS	NS	< 0.93	< 3.7	< 0.93	< 0.93	< 0.93	< 0.89	< 0.89
o-Xylene	ug/L	NS	NS	< 0.26	< 1.0	< 0.26	< 0.26	< 0.26	< 0.35	< 0.35
sec-Butylbenzene	ug/L	NS	NS	< 0.85	< 3.4	< 0.85	< 0.85	< 0.85	< 0.42	< 0.42
Styrene	ug/L	100	10	< 0.47	< 1.9	< 3.0	< 3.0	< 3.0	< 0.36	< 0.36
tert-Butylbenzene	ug/L	NS	NS	< 0.30	< 1.2	< 0.30	< 0.30	< 0.30	< 0.59	< 0.59
Tetrachloroethene	ug/L	5	0.5	< 0.33	< 1.3	< 0.33	< 0.33	< 0.33	< 0.41	< 0.41
Toluene	ug/L	800	160	< 0.17	< 0.69	< 0.27	< 0.27	< 0.27	< 0.29	< 0.29
trans-1,2-Dichloroethene	ug/L	100	20	< 1.1	< 4.4	2.1	1.0 J	1.5 J	< 0.53	< 0.53
trans-1,3-Dichloropropene	ug/L	0.4	0.04	< 4.4	< 17.5	< 4.4	< 4.4	< 4.4	< 3.5	< 3.5
Trichloroethene	ug/L	5	0.5	< 0.26	< 1.0	< 0.26	< 0.26	< 0.26	< 0.32	< 0.32
Trichlorofluoromethane (Freon 11)	ug/L	3490	698	< 0.21	< 0.86	< 0.21	< 0.21	< 0.21	< 0.42	< 0.42
Vinyl chloride	ug/L	0.2	0.02	51.3	68.6	41.7	14.3	39.5	1.0	0.37 J

Notes:
 < = Compound not detected at concentrations above the laboratory method detection limit.
 The laboratory method detection limit is shown.
 If the method detection limit is not available, the reporting detection limit is shown (RDL).

Empty cells = not analyzed
 N = Normal Environmental Sample
 ug/L = micrograms per liter

Table 1
Summary of Groundwater Analytical Results
910 Mayer LLC
910 Oscar Avenue
Madison, WI

Analyte	Unit	ES	SR-MW-15							
			Location ID	SR-MW-15 5/9/2019	SR-MW-15 8/29/2019	SR-MW-15 4/7/2020	SR-MW-15 7/14/2020	SR-MW-15 1/5/2021	SR-MW-15 4/20/2021	SR-MW-15 7/20/2021
			Sample Type	N	N	N	N	N	N	N
Depth	5 - 20 ft		5 - 20 ft	5 - 20 ft	5 - 20 ft	5 - 20 ft	5 - 20 ft	5 - 20 ft	5 - 20 ft	5 - 20 ft
Sample ID	SR-MW-15-WG-20190509		SR-MW-15-WG-20190829	SR-MW-15-WG-20200407	SR-MW-15-WG-20200714	SR-MW-15-WG-20200714	SR-MW-15-WG-20210105	SR-MW-15-WG-20210420	SR-MW-15-WG-20210720	SR-MW-15-WG-20210720
Groundwater										
1,1,1,2-Tetrachloroethane	ug/L	70	7	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.36	< 0.36
1,1,1-Trichloroethane	ug/L	200	40	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.30	< 0.30
1,1,2,2-Tetrachloroethane	ug/L	0.2	0.02	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.38	< 0.38
1,1,2-Trichloroethane	ug/L	5	0.5	< 0.55	< 0.55	< 0.55	< 0.55	< 0.55	< 0.34	< 0.34
1,1-Dichloroethane	ug/L	850	85	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.30	< 0.30
1,1-Dichloroethene	ug/L	7	0.7	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.58	< 0.58
1,1-Dichloropropene	ug/L	NS	NS	< 0.54	< 0.54	< 0.54	< 0.54	< 0.54	< 0.41	< 0.41
1,2,3-Trichlorobenzene	ug/L	NS	NS	< 0.63	< 0.63	< 2.2	< 2.2	< 2.2	< 1.0	< 1.0
1,2,3-Trichloropropane	ug/L	60	12	< 0.59	< 0.59	< 0.59	< 0.59	< 0.59	< 0.56	< 0.56
1,2,4-Trichlorobenzene	ug/L	70	14	< 0.95	< 0.95	< 0.95	< 0.95	< 0.95	< 0.95	< 0.95
1,2,4-Trimethylbenzene	ug/L	480	96	< 0.84	< 0.84	< 0.84	< 0.84	< 0.84	< 0.45	< 0.45
1,2-Dibromo-3-chloropropane	ug/L	0.2	0.02	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 2.4	< 2.4
1,2-Dichlorobenzene	ug/L	600	60	< 0.71	< 0.71	< 0.71	< 0.71	< 0.71	< 0.33	< 0.33
1,2-Dichloroethane	ug/L	5	0.5	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.29	< 0.29
1,2-Dichloropropane	ug/L	5	0.5	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.45	< 0.45
1,3,5-Trimethylbenzene	ug/L	480	96	< 0.87	< 0.87	< 0.87	< 0.87	< 0.87	< 0.36	< 0.36
1,3-Dichlorobenzene	ug/L	600	120	< 0.63	< 0.63	< 0.63	< 0.63	< 0.63	< 0.35	< 0.35
1,3-Dichloropropane	ug/L	NS	NS	< 0.83	< 0.83	< 0.83	< 0.83	< 0.83	< 0.30	< 0.30
1,4-Dichlorobenzene	ug/L	75	15	< 0.94	< 0.94	< 0.94	< 0.94	< 0.94	< 0.89	< 0.89
2,2-Dichloropropane	ug/L	NS	NS	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 4.2	< 4.2
4-Chlorotoluene	ug/L	NS	NS	< 0.76	< 0.76	< 0.76	< 0.76	< 0.76	< 0.89	< 0.89
4-Isopropyltoluene	ug/L	NS	NS	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 1.0	< 1.0
Benzene	ug/L	5	0.5	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.30	< 0.30
Bromobenzene	ug/L	NS	NS	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.36	< 0.36
Bromodichloromethane	ug/L	0.6	0.06	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.42	< 0.42
Bromoform	ug/L	4.4	0.44	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 3.8	< 3.8
Bromomethane	ug/L	10	1	< 0.97	< 0.97	< 0.97	< 0.97	< 0.97	< 1.2	< 1.2
Carbon tetrachloride	ug/L	5	0.5	< 0.17	< 0.17	< 1.1	< 1.1	< 1.1	< 0.37	< 0.37
Chlorobenzene	ug/L	100	20	< 0.71	< 0.71	< 0.71	< 0.71	< 0.71	< 0.86	< 0.86
Chlorobromomethane	ug/L	NS	NS	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36
Chloroethane	ug/L	400	80	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.4	< 1.4
Chloroform	ug/L	6	0.6	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.2	< 1.2
Chloromethane	ug/L	30	3	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 1.6	< 1.6
cis-1,2-Dichloroethene	ug/L	70	7	2.3	0.50 J	0.98 J	< 0.27	< 0.27	< 0.47	< 0.47
cis-1,3-Dichloropropene	ug/L	NS	0.04	< 3.6	< 3.6	< 3.6	< 3.6	< 3.6	< 0.36	< 0.36
Dibromochloromethane	ug/L	60	6	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6
Dibromomethane	ug/L	NS	NS	< 0.94	< 0.94	< 0.94	< 0.94	< 0.94	< 0.99	< 0.99
Dichlorodifluoromethane (Freon 12)	ug/L	1000	200	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.46	< 0.46
Ethylbenzene	ug/L	700	140	< 0.22	< 0.22	< 0.32	< 0.32	< 0.32	< 0.33	< 0.33
Ethylene dibromide	ug/L	0.05	0.005	< 0.83	< 0.83	< 0.83	< 0.83	< 0.83	< 0.31	< 0.31
Hexachlorobutadiene	ug/L	NS	NS	< 1.2	< 1.2	< 1.5	< 1.5	< 1.5	< 2.7	< 2.7
Isopropyl ether	ug/L	NS	NS	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.1	< 1.1
Isopropylbenzene (Cumene)	ug/L	NS	NS	< 0.39	< 0.39	< 1.7	< 1.7	< 1.7	< 1.0	< 1.0
m,p-Xylenes	ug/L	NS	NS	< 0.47	< 0.47	< 0.47	< 0.47	< 0.47	< 0.70	< 0.70
Methyl tert-butyl ether	ug/L	60	12	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.1	< 1.1
Methylene chloride	ug/L	5	0.5	< 0.58	< 0.58	< 0.58	< 0.58	< 0.58	< 0.32	< 0.32
Naphthalene	ug/L	100	10	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.1	< 1.1
n-Butylbenzene	ug/L	NS	NS	< 0.71	< 0.71	< 0.71	< 0.71	< 0.71	< 0.86	< 0.86
n-Propylbenzene	ug/L	NS	NS	< 0.81	< 0.81	< 0.81	< 0.81	< 0.81	< 0.35	< 0.35
o-Chlorotoluene (2-chlorotoluene)	ug/L	NS	NS	< 0.93	< 0.93	< 0.93	< 0.93	< 0.93	< 0.89	< 0.89
o-Xylene	ug/L	NS	NS	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.35	< 0.35
sec-Butylbenzene	ug/L	NS	NS	< 0.85	< 0.85	< 0.85	< 0.85	< 0.85	< 0.42	< 0.42
Styrene	ug/L	100	10	< 0.47	< 0.47	< 3.0	< 3.0	< 3.0	< 0.36	< 0.36
tert-Butylbenzene	ug/L	NS	NS	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.59	< 0.59
Tetrachloroethene	ug/L	5	0.5	11.5	8.7	8.6	12.7	11.4	9.2	3.9
Toluene	ug/L	800	160	< 0.17	< 0.17	< 0.27	< 0.27	< 0.27	< 0.29	< 0.29
trans-1,2-Dichloroethene	ug/L	100	20	< 1.1	< 1.1	< 0.46	< 0.46	< 0.46	< 0.53	< 0.53
trans-1,3-Dichloropropene	ug/L	0.4	0.04	< 4.4	< 4.4	< 4.4	< 4.4	< 4.4	< 3.5	< 3.5
Trichloroethene	ug/L	5	0.5	1.1	0.61 J	0.68 J	0.71 J	0.85 J	0.68 J	0.32
Trichlorofluoromethane (Freon 11)	ug/L	3490	698	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.42	< 0.42
Vinyl chloride	ug/L	0.2	0.02	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17

Notes:
 < = Compound not detected at concentrations above the laboratory method detection limit.
 The laboratory method detection limit is shown.
 If the method detection limit is not available, the reporting detection limit is shown (RDL).

Empty cells = not analyzed
 N = Normal Environmental Sample
 ug/L = micrograms per liter

Table 1
Summary of Groundwater Analytical Results
910 Mayer LLC
910 Oscar Avenue
Madison, WI

Analyte	Unit	ES	PAL	SR-MW-16A 5/9/2019 N 9 - 19 ft SR-MW-16A-WG- 20190509	SR-MW-16A 8/29/2019 N 9 - 19 ft SR-MW-16A-WG- 20190829	SR-MW-16A 4/7/2020 N 9 - 19 ft SR-MW-16A-WG- 20200407	SR-MW-16A 7/14/2020 N 9 - 19 ft SR-MW-16A-WG- 20200714	SR-MW-16A 1/15/2021 N 9 - 19 ft SR-MW-16A-WG- 20210115	SR-MW-16A 4/20/2021 N 9 - 19 ft SR-MW-16A-WG- 20210420	SR-MW-16A 7/20/2021 N 9 - 19 ft SR-MW-16A-WG- 20210720
			Groundwater							
1,1,1,2-Tetrachloroethane	ug/L	70	7	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.36	< 0.36
1,1,1-Trichloroethane	ug/L	200	40	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.30	< 0.30
1,1,2,2-Tetrachloroethane	ug/L	0.2	0.02	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.38	< 0.38
1,1,2,2-Trichloroethane	ug/L	5	0.5	< 0.55	< 0.55	< 0.55	< 0.55	< 0.55	< 0.34	< 0.34
1,1-Dichloroethane	ug/L	850	85	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.30	< 0.30
1,1-Dichloroethene	ug/L	7	0.7	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.58	< 0.58
1,1-Dichloropropene	ug/L	NS	NS	< 0.54	< 0.54	< 0.54	< 0.54	< 0.54	< 0.41	< 0.41
1,2,3-Trichlorobenzene	ug/L	NS	NS	< 0.63	< 0.63	< 2.2	< 2.2	< 2.2	< 1.0	< 1.0
1,2,3-Trichloropropane	ug/L	60	12	< 0.59	< 0.59	< 0.59	< 0.59	< 0.59	< 0.56	< 0.56
1,2,4-Trichlorobenzene	ug/L	70	14	< 0.95	< 0.95	< 0.95	< 0.95	< 0.95	< 0.95	< 0.95 ,L2
1,2,4-Trimethylbenzene	ug/L	480	96	< 0.84	< 0.84	< 0.84	< 0.84	< 0.84	< 0.45	< 0.45
1,2-Dibromo-3-chloropropane	ug/L	0.2	0.02	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 2.4	< 2.4
1,2-Dichlorobenzene	ug/L	600	60	< 0.71	< 0.71	< 0.71	< 0.71	< 0.71	< 0.33	< 0.33
1,2-Dichloroethane	ug/L	5	0.5	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.29	< 0.29
1,2-Dichloropropane	ug/L	5	0.5	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.45	< 0.45
1,3,5-Trimethylbenzene	ug/L	480	96	< 0.87	< 0.87	< 0.87	< 0.87	< 0.87	< 0.36	< 0.36
1,3-Dichlorobenzene	ug/L	600	120	< 0.63	< 0.63	< 0.63	< 0.63	< 0.63	< 0.35	< 0.35
1,3-Dichloropropane	ug/L	NS	NS	< 0.83	< 0.83	< 0.83	< 0.83	< 0.83	< 0.30	< 0.30
1,4-Dichlorobenzene	ug/L	75	15	< 0.94	< 0.94	< 0.94	< 0.94	< 0.94	< 0.89	< 0.89
2,2-Dichloropropane	ug/L	NS	NS	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 4.2	< 4.2
4-Chlorotoluene	ug/L	NS	NS	< 0.76	< 0.76	< 0.76	< 0.76	< 0.76	< 0.89	< 0.89
4-Isopropyltoluene	ug/L	NS	NS	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 1.0	< 1.0
Benzene	ug/L	5	0.5	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.30	< 0.30
Bromobenzene	ug/L	NS	NS	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.36	< 0.36
Bromodichloromethane	ug/L	0.6	0.06	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.42	< 0.42
Bromoform	ug/L	4.4	0.44	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 3.8	< 3.8
Bromomethane	ug/L	10	1	< 0.97	< 0.97	< 0.97	< 0.97	< 0.97	< 1.2	< 1.2
Carbon tetrachloride	ug/L	5	0.5	< 0.17	< 0.17	< 1.1	< 1.1	< 1.1	< 0.37	< 0.37
Chlorobenzene	ug/L	100	20	< 0.71	< 0.71	< 0.71	< 0.71	< 0.71	< 0.86	< 0.86
Chlorobromomethane	ug/L	NS	NS	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36
Chloroethane	ug/L	400	80	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.4	< 1.4
Chloroform	ug/L	6	0.6	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.2	< 1.2
Chloromethane	ug/L	30	3	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 1.6	< 1.6
cis-1,2-Dichloroethene	ug/L	70	7	< 0.27	0.60 J	0.69 J	1.1	1.3	1.5	2.6
cis-1,3-Dichloropropene	ug/L	NS	0.04	< 3.6	< 3.6	< 3.6	< 3.6	< 3.6	< 0.36	< 0.36
Dibromochloromethane	ug/L	60	6	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6
Dibromomethane	ug/L	NS	NS	< 0.94	< 0.94	< 0.94	< 0.94	< 0.94	< 0.99	< 0.99
Dichlorodifluoromethane (Freon 12)	ug/L	1000	200	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.46	< 0.46
Ethylbenzene	ug/L	700	140	< 0.22	< 0.22	< 0.32	< 0.32	< 0.32	< 0.33	< 0.33
Ethylene dibromide	ug/L	0.05	0.005	< 0.83	< 0.83	< 0.83	< 0.83	< 0.83	< 0.31	< 0.31
Hexachlorobutadiene	ug/L	NS	NS	< 1.2	< 1.2	< 1.5	< 1.5	< 1.5	< 2.7	< 2.7
Isopropyl ether	ug/L	NS	NS	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.1	< 1.1
Isopropylbenzene (Cumene)	ug/L	NS	NS	< 0.39	< 0.39	< 1.7	< 1.7	< 1.7	< 1.0	< 1.0
m,p-Xylenes	ug/L	NS	NS	< 0.47	< 0.47	< 0.47	< 0.47	< 0.47	< 0.70	< 0.70
Methyl tert-butyl ether	ug/L	60	12	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.1	< 1.1
Methylene chloride	ug/L	5	0.5	< 0.58	< 0.58	< 0.58	< 0.58	< 0.58	< 0.32	< 0.32
Naphthalene	ug/L	100	10	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.1	< 1.1
n-Butylbenzene	ug/L	NS	NS	< 0.71	< 0.71	< 0.71	< 0.71	< 0.71	< 0.86	< 0.86
n-Propylbenzene	ug/L	NS	NS	< 0.81	< 0.81	< 0.81	< 0.81	< 0.81	< 0.35	< 0.35
o-Chlorotoluene (2-chlorotoluene)	ug/L	NS	NS	< 0.93	< 0.93	< 0.93	< 0.93	< 0.93	< 0.89	< 0.89
o-Xylene	ug/L	NS	NS	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.35	< 0.35
sec-Butylbenzene	ug/L	NS	NS	< 0.85	< 0.85	< 0.85	< 0.85	< 0.85	< 0.42	< 0.42
Styrene	ug/L	100	10	< 0.47	< 0.47	< 3.0	< 3.0	< 3.0	< 0.36	< 0.36
tert-Butylbenzene	ug/L	NS	NS	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.59	< 0.59
Tetrachloroethene	ug/L	5	0.5	< 0.33	< 0.33	2.3	2.7	3.4	3.8	< 0.41
Toluene	ug/L	800	160	< 0.17	< 0.17	< 0.27	< 0.27	< 0.27	< 0.29	< 0.29
trans-1,2-Dichloroethene	ug/L	100	20	< 1.1	< 1.1	< 0.46	< 0.46	< 0.46	< 0.53	< 0.53
trans-1,3-Dichloropropene	ug/L	0.4	0.04	< 4.4	< 4.4	< 4.4	< 4.4	< 4.4	< 3.5	< 3.5
Trichloroethene	ug/L	5	0.5	0.95 J	2.2	1.3	1.6	1.3	0.99 J	1.8
Trichlorofluoromethane (Freon 11)	ug/L	3490	698	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.42	< 0.42
Vinyl chloride	ug/L	0.2	0.02	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17

Notes:
 < = Compound not detected at concentrations above the laboratory method detection limit.
 The laboratory method detection limit is shown.
 If the method detection limit is not available, the reporting detection limit is shown (RDL).

Empty cells = not analyzed

N = Normal Environmental Sample

ug/L = micrograms per liter

Bold values exceed Chapter NR140 Enforcement Standard (ES)

Underlined values exceed the Chapter NR140 Preventive Action Limit (PAL)

Table 1
Summary of Groundwater Analytical Results
910 Mayer LLC
910 Oscar Avenue
Madison, WI

Analyte	Unit	ES	PAL	SR-MW-16B 5/9/2019 N Depth 40 - 50 ft Sample ID 20190509	SR-MW-16B 8/29/2019 N 40 - 50 ft SR-MW-16B-WG- 20190829	SR-MW-16B 4/7/2020 N 40 - 50 ft SR-MW-16B-WG- 20200407	SR-MW-16B 7/14/2020 N 40 - 50 ft SR-MW-16B-WG- 20200714	SR-MW-16B 1/15/2021 N 40 - 50 ft SR-MW-16B-WG- 20210115	SR-MW-16B 4/20/2021 N 40 - 50 ft SR-MW-16B-WG- 20210420	SR-MW-16B 7/21/2021 N 40 - 50 ft SR-MW-16B-WG- 20210721
			Groundwater							
1,1,1,2-Tetrachloroethane	ug/L	70	7	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.36	< 0.36
1,1,1-Trichloroethane	ug/L	200	40	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.30	< 0.30
1,1,2,2-Tetrachloroethane	ug/L	0.2	0.02	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.38	< 0.38
1,1,2,2-Trichloroethane	ug/L	5	0.5	< 0.55	< 0.55	< 0.55	< 0.55	< 0.55	< 0.34	< 0.34
1,1-Dichloroethane	ug/L	850	85	< 0.27	< 0.27	< 0.27	< 0.27	< 0.27	< 0.30	< 0.30
1,1-Dichloroethene	ug/L	7	0.7	0.32 J	< 0.24	< 0.24	< 0.24	< 0.24	< 0.58	< 0.58
1,1-Dichloropropene	ug/L	NS	NS	< 0.54	< 0.54	< 0.54	< 0.54	< 0.54	< 0.41	< 0.41
1,2,3-Trichlorobenzene	ug/L	NS	NS	< 0.63	< 0.63	< 2.2	< 2.2	< 2.2	< 1.0	< 1.0
1,2,3-Trichloropropane	ug/L	60	12	< 0.59	< 0.59	< 0.59	< 0.59	< 0.59	< 0.56	< 0.56
1,2,4-Trichlorobenzene	ug/L	70	14	< 0.95	< 0.95	< 0.95	< 0.95	< 0.95	< 0.95	< 0.95 L2
1,2,4-Trimethylbenzene	ug/L	480	96	< 0.84	< 0.84	< 0.84	< 0.84	< 0.84	< 0.45	< 0.45
1,2-Dibromo-3-chloropropane	ug/L	0.2	0.02	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8	< 2.4	< 2.4
1,2-Dichlorobenzene	ug/L	600	60	< 0.71	< 0.71	< 0.71	< 0.71	< 0.71	< 0.33	< 0.33
1,2-Dichloroethane	ug/L	5	0.5	21.2	50.6	40.9	40.8	38.5	37.3	24.2
1,2-Dichloropropane	ug/L	5	0.5	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.45	< 0.45
1,3,5-Trimethylbenzene	ug/L	480	96	< 0.87	< 0.87	< 0.87	< 0.87	< 0.87	< 0.36	< 0.36
1,3-Dichlorobenzene	ug/L	600	120	< 0.63	< 0.63	< 0.63	< 0.63	< 0.63	< 0.35	< 0.35
1,3-Dichloropropane	ug/L	NS	NS	< 0.83	< 0.83	< 0.83	< 0.83	< 0.83	< 0.30	< 0.30
1,4-Dichlorobenzene	ug/L	75	15	< 0.94	< 0.94	< 0.94	< 0.94	< 0.94	< 0.89	< 0.89
2,2-Dichloropropane	ug/L	NS	NS	< 2.3	< 2.3	< 2.3	< 2.3	< 2.3	< 4.2	< 4.2
4-Chlorotoluene	ug/L	NS	NS	< 0.76	< 0.76	< 0.76	< 0.76	< 0.76	< 0.89	< 0.89
4-Isopropyltoluene	ug/L	NS	NS	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80	< 1.0	< 1.0
Benzene	ug/L	5	0.5	<u>1.3</u>	<u>1.3</u>	<u>1.1</u>	<u>0.57 J</u>	<u>0.89 J</u>	<u>0.47 J</u>	<u>0.32 J</u>
Bromobenzene	ug/L	NS	NS	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.36	< 0.36
Bromodichloromethane	ug/L	0.6	0.06	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.42	< 0.42
Bromoform	ug/L	4.4	0.44	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 3.8	< 3.8
Bromomethane	ug/L	10	1	< 0.97	< 0.97	< 0.97	< 0.97	< 0.97	< 1.2	< 1.2
Carbon tetrachloride	ug/L	5	0.5	< 0.17	< 0.17	< 1.1	< 1.1	< 1.1	< 0.37	< 0.37
Chlorobenzene	ug/L	100	20	< 0.71	< 0.71	< 0.71	< 0.71	< 0.71	< 0.86	< 0.86
Chlorobromomethane	ug/L	NS	NS	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36	< 0.36
Chloroethane	ug/L	400	80	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.4	< 1.4
Chloroform	ug/L	6	0.6	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.2	< 1.2
Chloromethane	ug/L	30	3	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 1.6	< 1.6
cis-1,2-Dichloroethene	ug/L	70	<u>7</u>	44.7	82.3	50.8	44.8	42.7	34.0	38.5
cis-1,3-Dichloropropene	ug/L	NS	0.04	< 3.6	< 3.6	< 3.6	< 3.6	< 3.6	< 0.36	< 0.36
Dibromochloromethane	ug/L	60	6	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6	< 2.6
Dibromomethane	ug/L	NS	NS	< 0.94	< 0.94	< 0.94	< 0.94	< 0.94	< 0.99	< 0.99
Dichlorodifluoromethane (Freon 12)	ug/L	1000	200	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.46	< 0.46
Ethylbenzene	ug/L	700	140	< 0.22	< 0.22	< 0.32	< 0.32	< 0.32	< 0.33	< 0.33
Ethylene dibromide	ug/L	0.05	0.005	< 0.83	< 0.83	< 0.83	< 0.83	< 0.83	< 0.31	< 0.31
Hexachlorobutadiene	ug/L	NS	NS	< 1.2	< 1.2	< 1.5	< 1.5	< 1.5	< 2.7	< 2.7
Isopropyl ether	ug/L	NS	NS	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.1	< 1.1
Isopropylbenzene (Cumene)	ug/L	NS	NS	< 0.39	< 0.39	< 1.7	< 1.7	< 1.7	< 1.0	< 1.0
m,p-Xylenes	ug/L	NS	NS	< 0.47	< 0.47	< 0.47	< 0.47	< 0.47	< 0.70	< 0.70
Methyl tert-butyl ether	ug/L	60	12	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.1	< 1.1
Methylene chloride	ug/L	5	0.5	< 0.58	< 0.58	< 0.58	< 0.58	< 0.58	< 0.32	< 0.32
Naphthalene	ug/L	100	10	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.1	< 1.1
n-Butylbenzene	ug/L	NS	NS	< 0.71	< 0.71	< 0.71	< 0.71	< 0.71	< 0.86	< 0.86
n-Propylbenzene	ug/L	NS	NS	< 0.81	< 0.81	< 0.81	< 0.81	< 0.81	< 0.35	< 0.35
o-Chlorotoluene (2-chlorotoluene)	ug/L	NS	NS	< 0.93	< 0.93	< 0.93	< 0.93	< 0.93	< 0.89	< 0.89
o-Xylene	ug/L	NS	NS	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.35	< 0.35
sec-Butylbenzene	ug/L	NS	NS	< 0.85	< 0.85	< 0.85	< 0.85	< 0.85	< 0.42	< 0.42
Styrene	ug/L	100	10	< 0.47	< 0.47	< 3.0	< 3.0	< 3.0	< 0.36	< 0.36
tert-Butylbenzene	ug/L	NS	NS	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.59	< 0.59
Tetrachloroethene	ug/L	5	<u>0.5</u>	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.41	< 0.41
Toluene	ug/L	800	160	< 0.17	< 0.17	< 0.27	< 0.27	< 0.27	< 0.29	< 0.29
trans-1,2-Dichloroethene	ug/L	100	20	< 1.1	< 1.1	0.82 J	0.69 J	0.73 J	< 0.53	1.4
trans-1,3-Dichloropropene	ug/L	0.4	0.04	< 4.4	< 4.4	< 4.4	< 4.4	< 4.4	< 3.5	< 3.5
Trichloroethene	ug/L	5	0.5	<u>0.66 J</u>	<u>0.70 J</u>	<u>0.61 J</u>	<u>0.64 J</u>	<u>0.57 J</u>	<u>0.51 J</u>	<u>0.38 J</u>
Trichlorofluoromethane (Freon 11)	ug/L	3490	698	< 0.21	< 0.21	< 0.21	< 0.21	< 0.21	< 0.42	< 0.42
Vinyl chloride	ug/L	0.2	<u>0.02</u>	< 0.17	< 0.17	<u>3.6</u>	<u>1.5</u>	<u>5.3</u>	<u>3.9</u>	<u>0.85 J</u>

Notes:
 < = Compound not detected at concentrations above the laboratory method detection limit.
 The laboratory method detection limit is shown.
 If the method detection limit is not available, the reporting detection limit is shown (RDL).

Empty cells = not analyzed

N = Normal Environmental Sample

ug/L = micrograms per liter

Bold values exceed Chapter NR140 Enforcement Standard (ES)

Underlined values exceed the Chapter NR140 Preventive Action Limit (PAL)

Table 2
Summary of Historical Water Level Elevations
910 Mayer LLC
910 Oscar Avenue
Madison, WI

Well	Measurement Date	Historical Reference Elevation	Depth to Water	Groundwater Elevation	Well Screen Interval
DL-MW-1A	13-Sep-21	855.29	8.49	846.8	12.6 - 32.6
	19-Jul-21	855.29	8.02	847.27	
	19-Apr-21	855.29	7.41	847.88	
	04-Jan-21	855.29	7.76	847.53	
	14-Jul-20	855.29	7.13	848.16	
	06-Apr-20	855.29	7.3	847.99	
	30-Aug-19	855.29	8.06	847.23	
	01-May-19	855.29	7.17	848.12	
DL-MW-1B	13-Sep-21	854.92	8.23	846.69	86.97 - 106.97
	19-Jul-21	854.92	7.78	847.14	
	19-Apr-21	854.92	7.16	847.76	
	04-Jan-21	854.92	7.95	846.97	
	14-Jul-20	854.92	6.8	848.12	
	06-Apr-20	854.92	7.01	847.91	
	30-Aug-19	854.92	7.73	847.19	
	01-May-19	854.92	6.84	848.08	
DL-MW-1C	13-Sep-21	855.19	17.54	837.65	231.47 - 241.47
	19-Jul-21	855.19	15.88	839.31	
	19-Apr-21	855.19	12.92	842.27	
	04-Jan-21	855.19	12.02	843.17	
	14-Jul-20	855.19	15.12	840.07	
	06-Apr-20	855.19	14.05	841.14	
	30-Aug-19	855.19	17.04	838.15	
	01-May-19	855.19	13.86	841.33	
DL-MW-1D	13-Sep-21	855.13	8.46	846.67	7.39 - 22.39
	19-Jul-21	855.13	7.97	847.16	
	19-Apr-21	855.13	7.28	847.85	
	04-Jan-21	855.13	8.24	846.89	
	14-Jul-20	855.13	7.16	847.97	
	06-Apr-20	855.13	7.27	847.86	
	30-Aug-19	855.13	7.92	847.21	
	01-May-19	855.13	7.01	848.12	
DL-MW-2A	13-Sep-21	855.14	8.61	846.53	7.46 - 22.46
	19-Jul-21	855.14	8.23	846.91	
	19-Apr-21	855.14	7.99	847.15	
	04-Jan-21	855.14	8.43	846.71	
	14-Jul-20	855.14	7.03	848.11	
	06-Apr-20	855.14	7.45	847.69	
	30-Aug-19	855.14	7.49	847.65	
	01-May-19	855.14	7	848.14	
DL-MW-2B	13-Sep-21	854.36	8.17	846.19	67.2 - 72.2
	19-Jul-21	854.36	7.77	846.59	
	19-Apr-21	854.36	7.24	847.12	
	04-Jan-21	854.36	7.96	846.4	
	14-Jul-20	854.36	6.64	847.72	
	06-Apr-20	854.36	7.05	847.31	
	30-Aug-19	854.36	7.47	846.89	
	01-May-19	854.36	6.78	847.58	
DL-MW-2C	13-Sep-21	854.72	19.45	835.27	222.19 - 227.19
	19-Jul-21	854.72	17.41	837.31	
	19-Apr-21	854.72	13.83	840.89	
	04-Jan-21	854.72	12.65	842.07	
	14-Jul-20	854.72	16.73	837.99	
	06-Apr-20	854.72	15.33	839.39	
	30-Aug-19	854.72	18.85	835.87	
	01-May-19	854.72	15.37	839.35	
DL-MW-3A	13-Sep-21	853.83	8.37	845.46	7.8 - 22.8
	19-Jul-21	853.83	7.84	845.99	
	19-Apr-21	853.83	7.39	846.44	
	04-Jan-21	853.83	7.64	846.19	
	14-Jul-20	853.83	6.15	847.68	
	06-Apr-20	853.83	6.77	847.06	
	30-Aug-19	853.83	6.95	846.88	
	01-May-19	853.83	6.28	847.55	
DL-MW-3B	13-Sep-21	854.88	11.16	843.72	146.55 - 151.55
	19-Jul-21	854.88	10.25	844.63	
	19-Apr-21	854.88	8.65	846.23	
	04-Jan-21	854.88	8.59	846.29	
	14-Jul-20	854.88	8.42	846.46	
	06-Apr-20	854.88	8.42	846.46	
	30-Aug-19	854.88	9.75	845.13	
	01-May-19	854.88	8.23	846.65	
DL-MW-4A	13-Sep-21	853.37	8.12	845.25	30.24 - 50.24
	19-Jul-21	853.37	7.67	845.7	
	19-Apr-21	853.37	7.03	846.34	
	04-Jan-21	853.37	7.23	846.14	
	14-Jul-20	853.37	5.74	847.63	
	06-Apr-20	853.37	6.19	847.18	
	30-Aug-19	853.37	6.44	846.93	
	01-May-19	853.37	5.89	847.48	

Table 2
Summary of Historical Water Level Elevations
910 Mayer LLC
910 Oscar Avenue
Madison, WI

Well	Measurement Date	Historical Reference Elevation	Depth to Water	Groundwater Elevation	Well Screen Interval
DL-MW-4B	13-Sep-21	853.53	10.06	843.47	172.97 - 182.97
	19-Jul-21	853.53	9.33	844.2	
	19-Apr-21	853.53	7.86	845.67	
	04-Jan-21	853.53	7.8	845.73	
	14-Jul-20	853.53	7.37	846.16	
	06-Apr-20	853.53	7.48	846.05	
	30-Aug-19	853.53	8.63	844.9	
	01-May-19	853.53	7.3	846.23	
DL-MW-4C	13-Sep-21	852.37	7.32	845.05	7.76 - 22.76
	19-Jul-21	852.37	7.17	845.2	
	19-Apr-21	852.37	6.78	845.59	
	15-Jan-21	852.37	7.14	845.23	
	14-Jul-20	852.37	5.52	846.85	
	06-Apr-20	852.37	6.33	846.04	
	30-Aug-19	852.37	6.09	846.28	
	01-May-19	852.37	5.92	846.45	
DL-MW-5A	13-Sep-21	854.12	9.2	844.92	10.5 - 25.5
	19-Jul-21	854.12	8.88	845.24	
	19-Apr-21	854.12	8.2	845.92	
	04-Jan-21	854.12	8.44	845.68	
	14-Jul-20	854.12	7.59	846.53	
	06-Apr-20	854.12	7.81	846.31	
	30-Aug-19	854.12	8.01	846.11	
	01-May-19	854.12	7.76	846.36	
DL-MW-6A	13-Sep-21	857.29	9.19	848.1	9.14 - 23.64
	19-Jul-21	857.29	8.61	848.68	
	19-Apr-21	857.29	7.8	849.49	
	04-Jan-21	857.29	8.41	848.88	
	14-Jul-20	857.29	6.95	850.34	
	06-Apr-20	857.29	6.85	850.44	
	30-Aug-19	857.29	7.7	849.59	
	01-May-19	857.29	6.84	850.45	
DL-MW-7A	13-Sep-21	856.18	10.68	845.5	10.3 - 25.3
	19-Jul-21	856.18	10.25	845.93	
	19-Apr-21	856.18	9.64	846.54	
	04-Jan-21	856.18	10.19	845.99	
	14-Jul-20	856.18	8.97	847.21	
	06-Apr-20	856.18	8.8	847.38	
	30-Aug-19	856.18	9.78	846.4	
	01-May-19	856.18	8.84	847.34	
DL-MW-7B	13-Sep-21	855.44	9.86	845.58	46.67 - 51.67
	19-Jul-21	855.44	9.32	846.12	
	19-Apr-21	855.44	8.62	846.82	
	15-Jan-21	855.44	9.3	846.14	
	14-Jul-20	855.44	7.96	847.48	
	06-Apr-20	855.44	7.91	847.53	
	30-Aug-19	855.44	8.86	846.58	
	01-May-19	855.44	7.95	847.49	
DL-MW-8AR	13-Sep-21	855.69	10.02	845.67	9.7 - 24.7
	19-Jul-21	855.69	9.4	846.29	
	19-Apr-21	855.69	7.27	848.42	
	04-Jan-21	855.69	9.4	846.29	
	14-Jul-20	855.69	8.18	847.51	
	06-Apr-20	855.69	8.22	847.47	
	30-Aug-19	855.69	9.4	846.29	
	01-May-19	855.69	8	847.69	
DL-MW-8B	13-Sep-21	855.59	9.34	846.25	67 - 71.8
	19-Jul-21	855.59	8.86	846.73	
	19-Apr-21	855.59	8.1	847.49	
	15-Jan-21	855.59	9.06	846.53	
	14-Jul-20	855.59	7.68	847.91	
	06-Apr-20	855.59	7.75	847.84	
	30-Aug-19	855.59	8.68	846.91	
	01-May-19	855.59	7.74	847.85	
DL-MW-9A	13-Sep-21	853.81	11.57	842.24	117.95 - 127.95
	19-Jul-21	853.81	10.48	843.33	
	19-Apr-21	853.81	8.76	845.05	
	04-Jan-21	853.81	8.6	845.21	
	14-Jul-20	853.81	8.78	845.03	
	06-Apr-20	853.81	8.5	845.31	
	30-Aug-19	853.81	10.28	843.53	
	01-May-19	853.81	8.5	845.31	
DL-MW-10A	13-Sep-21	856.58	11.64	844.94	9.3 - 24.3
	19-Jul-21	856.58	10.95	845.63	
	19-Apr-21	856.58	10.16	846.42	
	04-Jan-21	856.58	10.88	845.7	
	14-Jul-20	856.58	9.28	847.3	
	06-Apr-20	856.58	9.07	847.51	
	30-Aug-19	856.58	9.92	846.66	
	01-May-19	856.58	9.09	847.49	

Table 2
Summary of Historical Water Level Elevations
910 Mayer LLC
910 Oscar Avenue
Madison, WI

Well	Measurement Date	Historical Reference Elevation	Depth to Water	Groundwater Elevation	Well Screen Interval
DL-MW-11A	13-Sep-21	856.99	10.46	846.53	11.35 - 21.35
	19-Jul-21	856.99	9.92	847.07	
	19-Apr-21	856.99	9.18	847.81	
	04-Jan-21	856.99	9.91	847.08	
	14-Jul-20	856.99	8.88	848.11	
	06-Apr-20	856.99	8.67	848.32	
	30-Aug-19	856.99	9.66	847.33	
	01-May-19	856.99	8.74	848.25	
DL-MW-11B	13-Sep-21	856.75	9.87	846.88	108.35 - 113.35
	19-Jul-21	856.75	9.27	847.48	
	19-Apr-21	856.75	8.43	848.32	
	04-Jan-21	856.75	9.32	847.43	
	14-Jul-20	856.75	8.1	848.65	
	30-Aug-19	856.75	9.05	847.7	
	01-May-19	856.75	8.01	848.74	
DL-MW-12A	13-Sep-21	855.82	8.64	847.18	9.6 - 19.6
	19-Jul-21	855.82	8	847.82	
	19-Apr-21	855.82	7.2	848.62	
	04-Jan-21	855.82	8.04	847.78	
	14-Jul-20	855.82	6.79	849.03	
	06-Apr-20	855.82	6.67	849.15	
	30-Aug-19	855.82	7.66	848.16	
	01-May-19	855.82	6.66	849.16	
SR-MW-14	14-Sep-21	852.31	3.05	849.26	3 - 18
	13-Sep-21	852.31	3.12	849.19	
	20-Jul-21	852.31	3.16	849.15	
	19-Jul-21	852.31	3.19	849.12	
	19-Apr-21	852.31	2.29	850.02	
	12-Apr-21	852.31	2.35	849.96	
	04-Jan-21	852.31	3.35	848.96	
	13-Jul-20	852.31	1.8	850.51	
	13-Jul-20	852.31	1.8	850.51	
	06-Apr-20	852.31	1.81	850.5	
	29-Aug-19	852.31	2.5	849.81	
	02-May-19	852.31	2.7	849.61	
SR-MW-15	14-Sep-21	855.3	6.62	848.68	5 - 20
	13-Sep-21	855.3	6.73	848.57	
	20-Jul-21	855.3	6.3	849	
	19-Jul-21	855.3	6.3	849	
	20-Apr-21	855.3	5.51	849.79	
	19-Apr-21	855.3	5.45	849.85	
	04-Jan-21	855.3	6.1	849.2	
	14-Jul-20	855.3	4.6	850.7	
	13-Jul-20	855.3	4.48	850.82	
	06-Apr-20	855.3	4.85	850.45	
	29-Aug-19	855.3	5.48	849.82	
	02-May-19	855.3	4.55	850.75	
SR-MW-16A	14-Sep-21	853.59	4.95	848.64	9 - 19
	13-Sep-21	853.59	5.02	848.57	
	20-Jul-21	853.59	4.63	848.96	
	19-Jul-21	853.59	4.64	848.95	
	20-Apr-21	853.59	3.98	849.61	
	19-Apr-21	853.59	3.96	849.63	
	15-Jan-21	853.59	4.61	848.98	
	14-Jul-20	853.59	3.3	850.29	
	13-Jul-20	853.59	3.3	850.29	
	06-Apr-20	853.59	3.46	850.13	
	29-Aug-19	853.59	3.94	849.65	
	02-May-19	853.59	3.36	850.23	
SR-MW-16B	14-Sep-21	853.42	5.07	848.35	40 - 50
	13-Sep-21	853.42	5.13	848.29	
	21-Jul-21	853.42	4.83	848.59	
	19-Jul-21	853.42	4.7	848.72	
	20-Apr-21	853.42	3.95	849.47	
	19-Apr-21	853.42	3.95	849.47	
	15-Jan-21	853.42	4.39	849.03	
	14-Jul-20	853.42	3.05	850.37	
	13-Jul-20	853.42	2.95	850.47	
	06-Apr-20	853.42	3.14	850.28	
	29-Aug-19	853.42	3.82	849.6	
	02-May-19	853.42	2.96	850.46	
TS-MW-17A	06-Apr-20	852.48	2.94	849.54	4 - 14
	30-Aug-19	852.48	3.79	848.69	
	02-May-19	852.48	2.59	849.89	
TS-MW-17AR1	15-Sep-21	Not Surveyed	6.52		5 - 15
	13-Sep-21	Not Surveyed	6.6		
	22-Jul-21	Not Surveyed	6.06		
	19-Jul-21	Not Surveyed	6		

Table 2
Summary of Historical Water Level Elevations
910 Mayer LLC
910 Oscar Avenue
Madison, WI

Well	Measurement Date	Historical Reference Elevation	Depth to Water	Groundwater Elevation	Well Screen Interval
TS-MW-17AR2	15-Sep-21	Not Surveyed	7.22		25 - 30
	13-Sep-21	Not Surveyed	7.28		
	22-Jul-21	Not Surveyed	6.95		
	19-Jul-21	Not Surveyed	6.85		
TS-MW-17B	06-Apr-20	852.62	3.5	849.12	93 - 98
	30-Aug-19	852.62	4.72	847.9	
	02-May-19	852.62	3.21	849.41	
TS-MW-17BR	16-Sep-21	Not Surveyed	6.73		94 - 99
	13-Sep-21	Not Surveyed	7.12		
	22-Jul-21	Not Surveyed	6.8		
	19-Jul-21	Not Surveyed	6.77		
TS-MW-17C	06-Apr-20	852.98	11.75	841.23	250 - 255
	30-Aug-19	852.98	14.88	838.1	
	02-May-19	852.98	12.67	840.31	
TS-MW-18A	13-Sep-21	853.99	6.03	847.96	10 - 25
	20-Jul-21	853.99	5.67	848.32	
	19-Jul-21	853.99	5.63	848.36	
	23-Apr-21	853.99	5.14	848.85	
	19-Apr-21	853.99	4.94	849.05	
	04-Jan-21	853.99	5.74	848.25	
	15-Jul-20	853.99	4.43	849.56	
	13-Jul-20	853.99	4.33	849.66	
	06-Apr-20	853.99	4.55	849.44	
	29-Aug-19	853.99	5.44	848.55	
TS-MW-18B	13-Sep-21	853.8	5.92	847.88	95 - 99.8
	20-Jul-21	853.8	5.58	848.22	
	19-Jul-21	853.8	5.55	848.25	
	23-Apr-21	853.8	5.04	848.76	
	19-Apr-21	853.8	4.89	848.91	
	04-Jan-21	853.8	5.64	848.16	
	15-Jul-20	853.8	4.25	849.55	
	13-Jul-20	853.8	4.22	849.58	
	06-Apr-20	853.8	4.44	849.36	
TS-MW-19A	29-Aug-19	853.8	5.8	848	10 - 25
	13-Sep-21	858.95	10.77	848.18	
	21-Jul-21	858.95	10.39	848.56	
	19-Jul-21	858.95	10.31	848.64	
	23-Apr-21	858.95	9.9	849.05	
	19-Apr-21	858.95	9.77	849.18	
	04-Jan-21	858.95	10.48	848.47	
	17-Jul-20	858.95	9.12	849.83	
	13-Jul-20	858.95	9.16	849.79	
	06-Apr-20	858.95	9.34	849.61	
TS-MW-19B	30-Aug-19	858.95	10.04	848.91	82 - 87
	13-Sep-21	858.84	10.86	847.98	
	21-Jul-21	858.84	10.52	848.32	
	19-Jul-21	858.84	10.46	848.38	
	22-Apr-21	858.84	9.9	848.94	
	19-Apr-21	858.84	9.78	849.06	
	04-Jan-21	858.84	10.52	848.32	
	17-Jul-20	858.84	9.06	849.78	
	13-Jul-20	858.84	9.1	849.74	
TS-MW-20A	06-Apr-20	858.84	9.25	849.59	10 - 25
	30-Aug-19	858.84	10.04	848.8	
	13-Sep-21	853.57	6.03	847.54	
	20-Jul-21	853.57	5.56	848.01	
	19-Jul-21	853.57	5.59	847.98	
	21-Apr-21	853.57	5.06	848.51	
	19-Apr-21	853.57	4.95	848.62	
TS-MW-20B	04-Jan-21	853.57	5.75	847.82	90 - 100
	15-Jul-20	853.57	4.53	849.04	
	13-Jul-20	853.57	4.43	849.14	
	06-Apr-20	853.57	4.63	848.94	
	13-Sep-21	853.73	6.18	847.55	
	20-Jul-21	853.73	5.76	847.97	
	19-Jul-21	853.73	5.75	847.98	
TS-MW-20C	22-Apr-21	853.73	5.42	848.31	160 - 165
	19-Apr-21	853.73	5.1	848.63	
	04-Jan-21	853.73	5.88	847.85	
	17-Jul-20	853.73	4.56	849.17	
	13-Jul-20	853.73	4.54	849.19	
	06-Apr-20	853.73	4.74	848.99	
	15-Sep-21	853.66	9.89	843.77	
	13-Sep-21	853.66	6.18	847.48	
	21-Jul-21	853.66	5.64	848.02	
	19-Jul-21	853.66	6.62	847.04	
	23-Apr-21	853.66	11.89	841.77	
	19-Apr-21	853.66	5.03	848.63	
	04-Jan-21	853.66	5.06	848.6	
	14-Jul-20	853.66	4.85	848.81	
	13-Jul-20	853.66	4.86	848.8	
	06-Apr-20	853.66	5.29	848.37	

Table 2
Summary of Historical Water Level Elevations
910 Mayer LLC
910 Oscar Avenue
Madison, WI

Well	Measurement Date	Historical Reference Elevation	Depth to Water	Groundwater Elevation	Well Screen Interval
TS-MW-21A1	16-Sep-21	Not Surveyed	5.13		15 - 20
	13-Sep-21	Not Surveyed	5.2		
	23-Jul-21	Not Surveyed	4.85		
	19-Jul-21	Not Surveyed	4.76		
	26-Apr-21	Not Surveyed	4.32		
	19-Apr-21	Not Surveyed	4.1		
	04-Jan-21	Not Surveyed	4.93		
	20-Jul-20	Not Surveyed	3.65		
	13-Jul-20	Not Surveyed	3.61		
TS-MW-21A2	13-Sep-21	Not Surveyed	5.2		20 - 25
	23-Jul-21	Not Surveyed	4.9		
	19-Jul-21	Not Surveyed	4.73		
	26-Apr-21	Not Surveyed	4.33		
	19-Apr-21	Not Surveyed	4.08		
	04-Jan-21	Not Surveyed	5.64		
	16-Jul-20	Not Surveyed	3.6		
	13-Jul-20	Not Surveyed	3.6		
TS-MW-22	16-Sep-21	Not Surveyed	5.1		20 - 25
	13-Sep-21	Not Surveyed	5.16		
	23-Jul-21	Not Surveyed	4.85		
	19-Jul-21	Not Surveyed	4.72		
TS-MW-22A	14-Sep-21	Not Surveyed	4.4		3 - 8
	13-Sep-21	Not Surveyed	5.2		
	22-Jul-21	Not Surveyed	4		
	19-Jul-21	Not Surveyed	3.93		
	22-Apr-21	Not Surveyed	3.38		
	19-Apr-21	Not Surveyed	3.27		
	04-Jan-21	Not Surveyed	4.23		
	20-Jul-20	Not Surveyed	3.19		
	13-Jul-20	Not Surveyed	3.01		
TS-MW-22A2	13-Sep-21	Not Surveyed	4.45		20 - 25
	23-Jul-21	Not Surveyed	4.9		
	19-Jul-21	Not Surveyed	4.75		
	26-Apr-21	Not Surveyed	4.32		
	19-Apr-21	Not Surveyed	4.11		
	04-Jan-21	Not Surveyed	4.91		
	16-Jul-20	Not Surveyed	3.55		
	13-Jul-20	Not Surveyed	3.59		
TS-MW-23A	13-Sep-21	Not Surveyed	4.84		3 - 8
	22-Jul-21	Not Surveyed	3.35		
	19-Jul-21	Not Surveyed	4.28		
	22-Apr-21	Not Surveyed	3.7		
	19-Apr-21	Not Surveyed	3.6		
	04-Jan-21	Not Surveyed	4.52		
	20-Jul-20	Not Surveyed	3.54		
	13-Jul-20	Not Surveyed	3.34		
TS-MW-23A2	13-Sep-21	Not Surveyed	5.58		20 - 25
	23-Jul-21	Not Surveyed	5.22		
	19-Jul-21	Not Surveyed	5.14		
	26-Apr-21	Not Surveyed	4.71		
	19-Apr-21	Not Surveyed	4.5		
	04-Jan-21	Not Surveyed	5.27		
	16-Jul-20	Not Surveyed	3.9		
	13-Jul-20	Not Surveyed	3.94		
TS-MW-24B	13-Sep-21	Not Surveyed	4.98		90 - 95
	21-Jul-21	Not Surveyed	4.56		
	19-Jul-21	Not Surveyed	4.57		
	22-Apr-21	Not Surveyed	4.08		
	19-Apr-21	Not Surveyed	4.01		
	04-Jan-21	Not Surveyed	4.7		
	16-Jul-20	Not Surveyed	3.1		
	13-Jul-20	Not Surveyed	3.2		
TS-MW-26	13-Sep-21	Not Surveyed	6.3		22 - 27
	20-Jul-21	Not Surveyed	5.85		
	19-Jul-21	Not Surveyed	5.84		
	21-Apr-21	Not Surveyed	5.31		
	19-Apr-21	Not Surveyed	5.41		
	04-Jan-21	Not Surveyed	6.03		
TS-MW-27	13-Sep-21	Not Surveyed	6.18		21 - 30
	20-Jul-21	Not Surveyed	5.85		
	20-Jul-21	Not Surveyed	5.79		
	19-Jul-21	Not Surveyed	5.76		
	19-Apr-21	Not Surveyed	5.15		
	04-Jan-21	Not Surveyed	5.97		

Notes:
All measurements in feet
MW = Monitoring Well
SR = Spice Room
TS = Tank South
DL = Demetal Landfill

Table 3
SVE and VP Monitoring Data
910 Mayer LLC
910 Oscar Avenue
Madison, WI

Parameter Units		PID ⁽¹⁾ ppm	Pressure ⁽²⁾⁽³⁾ IWC
Location ID	Measurement Date		
SVE 1-1	08-Dec-20	35.6	-15.74
	09-Dec-20	17.3	-16.02
	17-Dec-20	8.4	-7.88
	24-Dec-20	0.9	-8.40
	05-Jan-21	0.3	-8.73
	15-Jan-21	-	-8.31
	08-Feb-21	0.0	-7.73
	19-Mar-21	0.7	-10.73
	07-May-21	0.8	-10.93
	24-May-21	0.3	-11.18
	22-Jun-21	0.0	-11.47
SVE 1-2	08-Dec-20	16.4	-15.74
	09-Dec-20	25.8	-16.02
	17-Dec-20	6.1	-29.33
	24-Dec-20	0.4	-31.01
	05-Jan-21	0.2	-30.58
	15-Jan-21	-	-27.61
	08-Feb-21	0.0	-26.34
	19-Mar-21	0.1	-26.60
	07-May-21	0.0	-29.24
	24-May-21	0.0	-29.10
	22-Jun-21	0.0	-28.93
SVE 1-3	08-Dec-20	16.1	-15.72
	09-Dec-20	29.1	-16.01
	17-Dec-20	10.5	-27.63
	24-Dec-20	0.7	-29.33
	05-Jan-21	0.4	-26.39
	15-Jan-21	-	-23.63
	08-Feb-21	0.0	-21.41
	19-Mar-21	0.2	-31.01
	07-May-21	0.1	-33.72
	24-May-21	0.0	-33.54
	22-Jun-21	0.0	-33.55
SVE 2-1	08-Dec-20	178.8	-13.69
	17-Dec-20	45	-30.69
	24-Dec-20	36.3	-31.96
	05-Jan-21	35.3	-31.15
	15-Jan-21	-	-24.47
	08-Feb-21	31	-22.34
	19-Mar-21	26.9	-27.10
	07-May-21	6.6	-27.32
	24-May-21	7.7	-26.98
	22-Jun-21	2.8	-26.4

Table 3
SVE and VP Monitoring Data
910 Mayer LLC
910 Oscar Avenue
Madison, WI

Parameter Units	PID ⁽¹⁾ ppm	Pressure ⁽²⁾⁽³⁾ IWC
Location ID	Measurement Date	
SVE 2-2	08-Dec-20	12.5
	09-Dec-20	30.3
	17-Dec-20	2.3
	24-Dec-20	7.9
	05-Jan-21	0.1
	15-Jan-21	-
	08-Feb-21	2.9
	19-Mar-21	3
	07-May-21	0.2
	24-May-21	0.0
	22-Jun-21	0.5
SVE 2-3	08-Dec-20	21.4
	09-Dec-20	27.9
	17-Dec-20	1.9
	24-Dec-20	3.6
	05-Jan-21	0.2
	15-Jan-21	-
	08-Feb-21	0.7
	19-Mar-21	1.2
	07-May-21	0.2
	24-May-21	0.0
	22-Jun-21	0.0
SVE 2-4	08-Dec-20	21.8
	09-Dec-20	30.8
	17-Dec-20	3.0
	24-Dec-20	3.1
	05-Jan-21	0.2
	15-Jan-21	-
	08-Feb-21	0.5
	19-Mar-21	1.0
	07-May-21	0.1
	24-May-21	0.0
	22-Jun-21	0.0
SVE 2-5	08-Dec-20	23.3
	09-Dec-20	24.3
	17-Dec-20	1.5
	24-Dec-20	1.2
	05-Jan-21	0.1
	15-Jan-21	-
	08-Feb-21	0.0
	19-Mar-21	0.4
	07-May-21	0.1
	24-May-21	0.0
	22-Jun-21	0.0

Table 3
SVE and VP Monitoring Data
910 Mayer LLC
910 Oscar Avenue
Madison, WI

Parameter Units	PID ⁽¹⁾ ppm	Pressure ⁽²⁾⁽³⁾ IWC
Location ID	Measurement Date	
SVE 2-6	08-Dec-20	15.3
	09-Dec-20	11.1
	17-Dec-20	2.3
	24-Dec-20	2.1
	05-Jan-21	0.2
	15-Jan-21	-
	08-Feb-21	0.1
	19-Mar-21	0.7
	07-May-21	0.1
	24-May-21	0.0
	22-Jun-21	0.0
SVE 3-1	08-Dec-20	45.3
	09-Dec-20	66
	17-Dec-20	48.8
	24-Dec-20	17.8
	05-Jan-21	8.9
	15-Jan-21	-
	08-Feb-21	4.5
	19-Mar-21	7.2
	07-May-21	1.9
	24-May-21	4.1
	22-Jun-21	6.6
SVE 3-2	08-Dec-20	15.5
	09-Dec-20	37.7
	17-Dec-20	11.5
	24-Dec-20	2.8
	05-Jan-21	1.6
	15-Jan-21	-
	08-Feb-21	0.4
	19-Mar-21	0.9
	07-May-21	0.3
	24-May-21	0.0
	22-Jun-21	0.6
SVE 3-3	08-Dec-20	19.4
	09-Dec-20	47.7
	17-Dec-20	8.0
	24-Dec-20	3.4
	05-Jan-21	0.4
	15-Jan-21	-
	08-Feb-21	0.0
	19-Mar-21	0.7
	07-May-21	0.1
	24-May-21	0.0
	22-Jun-21	0.0

Table 3
SVE and VP Monitoring Data
910 Mayer LLC
910 Oscar Avenue
Madison, WI

Parameter Units		PID ⁽¹⁾ ppm	Pressure ⁽²⁾⁽³⁾ IWC
Location ID	Measurement Date		
SVE 3-4	08-Dec-20	5.1	-10.71
	09-Dec-20	15.6	-10.82
	17-Dec-20	5.1	-23.42
	24-Dec-20	1.9	-23.06
	05-Jan-21	1.2	-21.33
	15-Jan-21	-	-19.99
	08-Feb-21	0.0	-18.11
	19-Mar-21	0.9	-18.09
	07-May-21	0.4	-19.35
	24-May-21	0.1	-19.39
	22-Jun-21	0.0	-19.73
SVE 3-5	08-Dec-20	17.9	-10.95
	09-Dec-20	4.2	-11.08
	17-Dec-20	1.6	-9.08
	24-Dec-20	0.7	-8.77
	05-Jan-21	0.2	-8.05
	15-Jan-21	-	-7.64
	08-Feb-21	0.0	-6.64
	19-Mar-21	0.5	-6.98
	07-May-21	0.2	-7.40
	24-May-21	0.0	-7.51
	22-Jun-21	0.1	-7.59
SVE 3-6	08-Dec-20	16.1	-10.84
	09-Dec-20	20.9	-10.95
	17-Dec-20	4.3	-18.12
	24-Dec-20	1.4	-17.25
	05-Jan-21	0.3	-16.35
	15-Jan-21	-	-15.51
	08-Feb-21	0.0	-14.70
	19-Mar-21	0.4	-14.46
	07-May-21	0.1	-16.25
	24-May-21	0.0	-16.31
	22-Jun-21	0.0	-16.52
SVE 3-7	08-Dec-20	18.2	-10.76
	09-Dec-20	47.8	-10.79
	17-Dec-20	6.8	-9.68
	24-Dec-20	1.9	-9.29
	05-Jan-21	0.5	-8.37
	15-Jan-21	-	-7.91
	08-Feb-21	0.1	-7.09
	19-Mar-21	0.6	-17.53
	07-May-21	0.3	-18.74
	24-May-21	0.0	-18.77
	22-Jun-21	0.0	-18.83

Table 3
SVE and VP Monitoring Data
910 Mayer LLC
910 Oscar Avenue
Madison, WI

Parameter Units	PID ⁽¹⁾ ppm	Pressure ⁽²⁾⁽³⁾ IWC
Location ID	Measurement Date	
SVE 3-8	08-Dec-20	17.4
	09-Dec-20	42.5
	17-Dec-20	6.8
	24-Dec-20	2.0
	05-Jan-21	0.3
	15-Jan-21	-
	08-Feb-21	0.0
	19-Mar-21	0.4
	07-May-21	0.1
	24-May-21	0.0
	22-Jun-21	0.0
SVE 3-9	08-Dec-20	16.5
	09-Dec-20	40.7
	17-Dec-20	4.1
	24-Dec-20	0.8
	05-Jan-21	0.2
	15-Jan-21	-
	08-Feb-21	0.0
	19-Mar-21	0.2
	07-May-21	0.1
	24-May-21	0.0
	22-Jun-21	0.0
SVE 3-10	08-Dec-20	22.7
	09-Dec-20	70.7
	17-Dec-20	14.0
	24-Dec-20	9.0
	05-Jan-21	1.1
	15-Jan-21	-
	08-Feb-21	0.4
	19-Mar-21	1.4
	07-May-21	0.7
	24-May-21	0.1
	22-Jun-21	0.0
SVE 3-11	08-Dec-20	12.8
	09-Dec-20	27.1
	17-Dec-20	6.2
	24-Dec-20	2.9
	05-Jan-21	0.6
	15-Jan-21	-
	08-Feb-21	0.0
	19-Mar-21	0.8
	07-May-21	0.1
	24-May-21	0.0
	22-Jun-21	0.0

Table 3
SVE and VP Monitoring Data
910 Mayer LLC
910 Oscar Avenue
Madison, WI

Parameter Units		PID ⁽¹⁾ ppm	Pressure ⁽²⁾⁽³⁾ IWC
Location ID	Measurement Date		
VP-2	08-Dec-20	0.2	-1.89
	09-Dec-20	0.0	-1.84
	17-Dec-20	0.3	-1.81
	24-Dec-20	0.0	-1.59
	05-Jan-21	0.0	-1.46
	15-Jan-21	0.0	-0.52
	08-Feb-21	0.2	-0.16
	19-Mar-21	0.0	-1.72
	07-May-21	0.0	-1.95
	24-May-21	0.0	-2.26
	22-Jun-21	0.0	-2.77
VP-11	08-Dec-20	0.0	0.00
	09-Dec-20	0.0	0.00
	17-Dec-20	0.4	0.00
	24-Dec-20	0.0	0.00
	05-Jan-21	-	-
	15-Jan-21	-	-
	08-Feb-21	0.4	0.00
	19-Mar-21	0.0	0.00
	07-May-21	0.0	0.00
	24-May-21	0.0	0.00
	22-Jun-21	0.0	0.00
VP-12	08-Dec-20	0.0	0.00
	09-Dec-20	0.0	0.00
	17-Dec-20	0.4	0.00
	24-Dec-20	0.0	0.00
	05-Jan-21	0.0	0.00
	15-Jan-21	-	-
	08-Feb-21	0.5	0.00
	19-Mar-21	0.0	0.00
	07-May-21	0.0	0.00
	24-May-21	0.0	0.00
	22-Jun-21	0.0	0.00
VP-13	08-Dec-20	1.4	-1.06
	09-Dec-20	0.0	-1.02
	17-Dec-20	1.9	-1.17
	24-Dec-20	0.0	-0.98
	05-Jan-21	0.0	-0.89
	15-Jan-21	0.0	-0.94
	08-Feb-21	0.0	-0.70
	19-Mar-21	0.0	-0.99
	07-May-21	0.0	-1.16
	24-May-21	0.0	-1.32
	22-Jun-21	0.1	-1.60

Table 3
SVE and VP Monitoring Data
910 Mayer LLC
910 Oscar Avenue
Madison, WI

Parameter Units		PID ⁽¹⁾ ppm	Pressure ⁽²⁾⁽³⁾ IWC
Location ID	Measurement Date		
VP-14	08-Dec-20	0.5	-1.91
	09-Dec-20	1.8	-1.86
	17-Dec-20	0.5	-3.34
	24-Dec-20	0.1	-2.56
	05-Jan-21	0.0	-2.39
	15-Jan-21	0.0	-2.50
	08-Feb-21	0.3	-1.97
	19-Mar-21	0.0	-2.33
	07-May-21	0.0	-2.43
	24-May-21	0.0	-2.73
	22-Jun-21	0.0	-3.10
VP-15	08-Dec-20	0.0	0.00
	09-Dec-20	0.0	0.00
	17-Dec-20	-0.3	0.00
	24-Dec-20	0.0	0.00
	05-Jan-21	0.0	0.00
	15-Jan-21	-	-
	08-Feb-21	0.5	0.00
	19-Mar-21	0.0	0.00
	07-May-21	0.0	0.00
	24-May-21	0.0	0.00
	22-Jun-21	0.0	0.00
VP-16	08-Dec-20	0.0	-0.05
	09-Dec-20	0.0	-0.06
	17-Dec-20	0.4	-0.22
	24-Dec-20	0.0	-0.12
	05-Jan-21	0.0	0.00
	15-Jan-21	-	-
	08-Feb-21	0.7	0.00
	19-Mar-21	0.0	0.00
	07-May-21	0.0	0.00
	24-May-21	0.0	0.00
	22-Jun-21	0.0	-0.15
VP-17	08-Dec-20	0.0	0.00
	09-Dec-20	0.0	0.00
	17-Dec-20	-	-
	24-Dec-20	0.0	0.00
	05-Jan-21	0.0	0.00
	15-Jan-21	-	-
	08-Feb-21	0.5	0.00
	19-Mar-21	0.0	0.00
	07-May-21	0.0	0.00
	24-May-21	0.0	0.00
	22-Jun-21	0.0	0.00

Table 3
SVE and VP Monitoring Data
910 Mayer LLC
910 Oscar Avenue
Madison, WI

Parameter Units		PID ⁽¹⁾ ppm	Pressure ⁽²⁾⁽³⁾ IWC
Location ID	Measurement Date		
VP-18	08-Dec-20	0.7	-0.78
	09-Dec-20	0.3	-0.74
	17-Dec-20	0.5	-1.72
	24-Dec-20	0.0	-1.24
	05-Jan-21	0.0	-1.12
	15-Jan-21	0.0	-1.27
	08-Feb-21	0.5	-0.99
	19-Mar-21	0.0	-1.02
	07-May-21	0.0	-1.12
	24-May-21	0.0	-1.30
	22-Jun-21	0.0	-1.61
VP-19	08-Dec-20	0.1	-0.14
	09-Dec-20	0.0	-0.13
	17-Dec-20	0.3	-0.20
	24-Dec-20	0.0	-0.17
	05-Jan-21	0.0	-0.14
	15-Jan-21	0.0	-0.23
	08-Feb-21	0.1	-0.16
	19-Mar-21	0.0	-0.20
	07-May-21	0.0	-0.24
	24-May-21	0.0	-0.29
	22-Jun-21	0.0	-0.38
VP-20	08-Dec-20	0.2	-5.38
	09-Dec-20	0.3	-5.11
	17-Dec-20	0.6	-10.8
	24-Dec-20	0.0	-9.21
	05-Jan-21	0.0	-7.60
	15-Jan-21	0.0	-7.90
	08-Feb-21	0.0	-6.57
	19-Mar-21	0.0	-7.31
	07-May-21	0.0	-7.41
	24-May-21	0.0	-7.69
	22-Jun-21	0.0	-8.43
VP-21	08-Dec-20	0.2	0.00
	09-Dec-20	0.0	0.00
	17-Dec-20	-	-
	24-Dec-20	0.0	0.00
	05-Jan-21	-	-
	15-Jan-21	-	-
	08-Feb-21	-	-
	19-Mar-21	0.0	0.00
	07-May-21	0.0	0.00
	24-May-21	0.0	0.00
	22-Jun-21	0.0	0.00

Table 3
SVE and VP Monitoring Data
910 Mayer LLC
910 Oscar Avenue
Madison, WI

Parameter Units		PID ⁽¹⁾ ppm	Pressure ⁽²⁾⁽³⁾ IWC
Location ID	Measurement Date		
VP-22	08-Dec-20	0.7	-1.93
	09-Dec-20	0.0	-1.85
	17-Dec-20	0.5	-7.29
	24-Dec-20	0.0	-5.65
	05-Jan-21	2.9	-5.12
	15-Jan-21	4.5	-5.02
	08-Feb-21	7.8	-3.71
	19-Mar-21	12.9	-3.86
	07-May-21	4.7	-4.27
	24-May-21	12.9	-4.51
	22-Jun-21	15.1	-5.09
VP-23	08-Dec-20	23.6	-1.11
	09-Dec-20	4.5	-1.09
	17-Dec-20	12.2	-2.86
	24-Dec-20	2.2	-2.32
	05-Jan-21	2.3	-2.10
	15-Jan-21	1.3	-2.22
	08-Feb-21	1.4	-1.74
	19-Mar-21	1.4	-1.81
	07-May-21	0.4	-1.84
	24-May-21	0.5	-1.98
	22-Jun-21	1.1	-2.27
VP-24	08-Dec-20	0.2	0.00
	09-Dec-20	0.0	0.00
	17-Dec-20	-	-
	24-Dec-20	0.0	0.00
	05-Jan-21	-	-
	15-Jan-21	-	-
	08-Feb-21	-	0.00
	19-Mar-21	0.0	0.00
	07-May-21	0.0	0.00
	24-May-21	0.0	0.00
	22-Jun-21	0.0	0.00
VP-25	08-Dec-20	0.4	-0.03
	09-Dec-20	0.0	0.00
	17-Dec-20	0.1	-0.03
	24-Dec-20	0.0	-0.04
	05-Jan-21	0.3	-0.04
	08-Feb-21	0.4	0.00
	19-Mar-21	0.7	-0.03
	07-May-21	0.3	-0.03
	24-May-21	0.2	0.05
	22-Jun-21	1.3	-0.04
	08-Dec-20	0.0	-0.03

Table 3
SVE and VP Monitoring Data
910 Mayer LLC
910 Oscar Avenue
Madison, WI

Parameter Units		PID ⁽¹⁾ ppm	Pressure ⁽²⁾⁽³⁾ IWC
Location ID	Measurement Date		
VP-26	09-Dec-20	-	0.00
	17-Dec-20	-	0.00
	24-Dec-20	-	0.00
	05-Jan-21	-	-
	15-Jan-21	-	-
	08-Feb-21	0.0	-0.06
	19-Mar-21	-	0.00
	07-May-21	-	0.00
	24-May-21	-	0.00
	22-Jun-21	-	-0.16
VP-27	08-Dec-20	9.8	-0.16
	09-Dec-20	3.6	-0.11
	17-Dec-20	2.3	-0.95
	24-Dec-20	0.0	-0.84
	05-Jan-21	0.3	-0.70
	15-Jan-21	0.0	-0.73
	08-Feb-21	0.2	-0.54
	19-Mar-21	0.0	-0.57
	07-May-21	0.0	-0.54
	24-May-21	0.0	-0.60
	22-Jun-21	0.0	-0.68
	08-Dec-20	1.0	-0.31
VP-28	09-Dec-20	0.0	-0.28
	17-Dec-20	0.8	-1.60
	24-Dec-20	0.2	-1.27
	05-Jan-21	0.3	-1.09
	15-Jan-21	0.0	-1.21
	08-Feb-21	0.1	-0.91
	19-Mar-21	0.0	-0.92
	07-May-21	0.0	-0.78
	24-May-21	0.0	-0.96
	22-Jun-21	0.0	-1.03
	08-Dec-20	0.5	-0.73
VP-29	09-Dec-20	0.0	-0.68
	17-Dec-20	1.6	-1.96
	24-Dec-20	0.4	-1.68
	05-Jan-21	0.4	-1.49
	15-Jan-21	0.0	-1.53
	08-Feb-21	0.2	-1.27
	19-Mar-21	0.0	-1.30
	07-May-21	0.0	-1.25
	24-May-21	0.0	-1.43
	22-Jun-21	0.0	-1.53

Table 3
SVE and VP Monitoring Data
910 Mayer LLC
910 Oscar Avenue
Madison, WI

Parameter Units		PID ⁽¹⁾ ppm	Pressure ⁽²⁾⁽³⁾ IWC
Location ID	Measurement Date		
VP-30	08-Dec-20	27.8	-0.98
	09-Dec-20	17.4	-0.98
	17-Dec-20	33.4	-2.51
	24-Dec-20	14.0	-2.39
	05-Jan-21	8.1	-2.14
	15-Jan-21	3.2	-2.09
	08-Feb-21	1.2	-1.78
	19-Mar-21	3.7	-1.82
	07-May-21	1.1	-1.83
	24-May-21	2.5	-1.99
	22-Jun-21	4.2	-2.13
VP-31	08-Dec-20	3.9	-0.29
	09-Dec-20	15.1	-0.29
	17-Dec-20	17.1	-0.44
	24-Dec-20	21.9	-0.45
	05-Jan-21	1.6	-0.38
	15-Jan-21	9.0	-0.42
	08-Feb-21	13.5	-0.32
	19-Mar-21	19.1	-0.43
	07-May-21	7.7	-0.48
	24-May-21	22.8	-0.54
	22-Jun-21	27.8	-0.67
VP-32	08-Dec-20	0.2	-0.86
	09-Dec-20	0.0	-0.77
	17-Dec-20	0.8	-1.11
	24-Dec-20	-	-0.92
	05-Jan-21	0.8	-0.83
	15-Jan-21	0.0	-0.83
	08-Feb-21	0.4	-0.62
	19-Mar-21	-	-0.64
	07-May-21	-	-0.72
	24-May-21	-	-0.79
	22-Jun-21	-	-0.95

Notes:

- (1) 08-Dec-20 SVE PID readings were taken at 5:00 PM CT
 - (2) 08-Dec-20 SVE Pressure readings were taken at 3:15 PM CT
 - (3) The negative values for pressure indicate a vacuum
- = no data collected
 IWC = inches water column
 PID = photo ionization detector
 ppm = parts per million

Table 4
SVE System Monitoring Data
910 Mayer LLC
910 Oscar Avenue
Madison, WI

			Parameter Unit	Flowrate scfm	PID ppm	Pressure ⁽¹⁾ IWC	Temperature °F
Location Description	Location ID	Measurement Date					
Discharge Flowrate	FIT-202	08-Dec-20	255.3	-	-	-	-
		09-Dec-20	234.8	-	-	-	-
		17-Dec-20	229.2	-	-	-	-
		24-Dec-20	229.3	-	-	-	-
		15-Jan-21	229.8	-	-	-	-
		08-Feb-21	249	-	-	-	-
		19-Mar-21	228	-	-	-	-
		07-May-21	220.5	-	-	-	-
		24-May-21	222.9	-	-	-	-
		22-Jun-21	217.6	-	-	-	-
Discharge Screening	SYS-EFF	08-Dec-20	-	5.9	-	-	-
		09-Dec-20	-	1.9	-	-	-
		17-Dec-20	-	5.6	-	-	-
		24-Dec-20	-	0.4	-	-	-
		19-Mar-21	-	0.3	-	-	-
		07-May-21	-	0.2	-	-	-
		24-May-21	-	0	-	-	-
		22-Jun-21	-	0.5	-	-	-
		08-Dec-20	-	-	5	-	-
		09-Dec-20	-	-	22.8	-	-
Discharge Pressure	PT-304	17-Dec-20	-	-	5.6	-	-
		15-Jan-21	-	-	6.2	-	-
		08-Feb-21	-	-	6	-	-
		19-Mar-21	-	-	5.9	-	-
		07-May-21	-	-	5.8	-	-
		24-May-21	-	-	5.5	-	-
		22-Jun-21	-	-	5.3	-	-
		08-Dec-20	-	-	-	86.6	-
		09-Dec-20	-	-	-	92.5	-
		17-Dec-20	-	-	-	107.4	-
Discharge Temperature	TT-305	24-Dec-20	-	-	-	106.3	-
		15-Jan-21	-	-	-	107.3	-
		08-Feb-21	-	-	-	93	-
		19-Mar-21	-	-	-	100.9	-
		07-May-21	-	-	-	100.5	-
		24-May-21	-	-	-	108.8	-
		22-Jun-21	-	-	-	109.7	-

Table 4
SVE System Monitoring Data
910 Mayer LLC
910 Oscar Avenue
Madison, WI

			Parameter Unit	Flowrate scfm	PID ppm	Pressure ⁽¹⁾ IWC	Temperature °F
Location Description	Location ID	Measurement Date					
Influent Flowrate	FIT-101	08-Dec-20	229.3	-	-	-	-
		09-Dec-20	227.1	-	-	-	-
		17-Dec-20	230.4	-	-	-	-
		24-Dec-20	220.3	-	-	-	-
		15-Jan-21	225.1	-	-	-	-
		08-Feb-21	239	-	-	-	-
		19-Mar-21	225.3	-	-	-	-
		07-May-21	219.4	-	-	-	-
		24-May-21	218.3	-	-	-	-
		22-Jun-21	214.7	-	-	-	-
Influent Screening	SYS-INF	09-Dec-20	-	3.9	-	-	-
		17-Dec-20	-	4.4	-	-	-
		24-Dec-20	-	2.3	-	-	-
		19-Mar-21	-	0.3	-	-	-
		07-May-21	-	0.7	-	-	-
		22-Jun-21	-	0.7	-	-	-
Influent Pressure	VT-204	08-Dec-20	-	-	-22.6	-	-
		09-Dec-20	-	-	-20.5	-	-
		17-Dec-20	-	-	-42.8	-	-
		24-Dec-20	-	-	-42.6	-	-
		15-Jan-21	-	-	-37.7	-	-
		08-Feb-21	-	-	-37	-	-
		19-Mar-21	-	-	-35.1	-	-
		07-May-21	-	-	-35.7	-	-
		24-May-21	-	-	-36	-	-
		22-Jun-21	-	-	-35.7	-	-
Zone 1 Flowrate	FIT-001	08-Dec-20	66	-	-	-	-
		09-Dec-20	61	-	-	-	-
		17-Dec-20	44	-	-	-	-
		24-Dec-20	81.4	-	-	-	-
		19-Mar-21	33	-	-	-	-
		07-May-21	39	-	-	-	-
		24-May-21	42	-	-	-	-
		22-Jun-21	37	-	-	-	-

Table 4
SVE System Monitoring Data
910 Mayer LLC
910 Oscar Avenue
Madison, WI

			Parameter Unit	Flowrate scfm	PID ppm	Pressure ⁽¹⁾ IWC	Temperature °F
Location Description	Location ID	Measurement Date					
Zone 1 Pressure	VI-001	08-Dec-20	-	-	-	-0.082	-
		09-Dec-20	-	-	-	-0.104	-
		17-Dec-20	-	-	-	-0.038	-
		24-Dec-20	-	-	-	-0.037	-
		15-Jan-21	-	-	-	-0.026	-
		08-Feb-21	-	-	-	-0.025	-
		19-Mar-21	-	-	-	-0.033	-
		07-May-21	-	-	-	-0.0034	-
		24-May-21	-	-	-	-0.036	-
		22-Jun-21	-	-	-	-0.036	-
Zone 2 Flowrate	FIT-002	08-Dec-20	83	-	-	-	-
		09-Dec-20	61	-	-	-	-
		17-Dec-20	73	-	-	-	-
		24-Dec-20	37	-	-	-	-
		19-Mar-21	98	-	-	-	-
		07-May-21	102	-	-	-	-
		24-May-21	68	-	-	-	-
		22-Jun-21	98	-	-	-	-
Zone 2 Pressure	VI-002	08-Dec-20	-	-	-	-0.157	-
		09-Dec-20	-	-	-	-0.084	-
		17-Dec-20	-	-	-	-0.107	-
		15-Jan-21	-	-	-	-0.113	-
		08-Feb-21	-	-	-	-0.13	-
		19-Mar-21	-	-	-	-0.231	-
		07-May-21	-	-	-	-0.227	-
		24-May-21	-	-	-	-0.213	-
		22-Jun-21	-	-	-	-0.213	-
Zone 3 Flowrate	FIT-003	08-Dec-20	56	-	-	-	-
		09-Dec-20	88	-	-	-	-
		17-Dec-20	103	-	-	-	-
		24-Dec-20	37	-	-	-	-
		19-Mar-21	67	-	-	-	-
		07-May-21	68	-	-	-	-
		24-May-21	68	-	-	-	-
		22-Jun-21	73	-	-	-	-

Table 4
SVE System Monitoring Data
910 Mayer LLC
910 Oscar Avenue
Madison, WI

			Parameter Unit	Flowrate scfm	PID ppm	Pressure ⁽¹⁾ IWC	Temperature °F
Location Description	Location ID	Measurement Date					
Zone 3 Pressure	VI-003	08-Dec-20	-	-	-	-0.085	-
		09-Dec-20	-	-	-	-0.167	-
		17-Dec-20	-	-	-	-0.242	-
		24-Dec-20	-	-	-	-0.248	-
		15-Jan-21	-	-	-	-0.226	-
		08-Feb-21	-	-	-	-0.25	-
		19-Mar-21	-	-	-	-0.103	-
		07-May-21	-	-	-	-0.102	-
		24-May-21	-	-	-	-0.109	-
		22-Jun-21	-	-	-	-0.123	-

Notes:

(1) The negative values for pressure indicate a vacuum.

- = no data collected

°F = degrees Fahrenheit

IWC = inches water column

PID = photo ionization detector

ppm = parts per million

scfm = standard cubic feet per minute

Table 5
SVE System Effluent Analytical
910 Mayer LLC
910 Oscar Avenue
Madison, WI

Analyte	Location ID	SVE-EFF	SVE-EFF	SVE-EFF	SVE-EFF	SVE-EFF	SVE-EFF	SVE-EFF
	Sample Date	08-Dec-20	08-Dec-20	09-Dec-20	10-Dec-20	17-Dec-20	24-Dec-20	05-Jan-21
	Sample Type	N	N	N	N	N	N	N
	Sample ID	SVE-EFF-20201208-AM	SVE-EFF-20201208-PM	SVE-EFF2-20201209	SVE-EFF3-20201210	SVE-EFF4-20201217	SVE-EFF1-20201224	SVE-EFF6-20210105
	Unit							
Method TO-15, µg/m³								
1,1,1-Trichloroethane	µg/m³	< 0.24	< 0.25	< 0.27	< 0.27	< 0.29	< 6.1	< 0.30
1,1,2-Trichloroethane	µg/m³	< 0.24	< 0.26	< 0.27	< 0.28	< 0.27	< 5.6	< 0.27
1,1-Dichloroethane	µg/m³	< 0.24	< 0.26	< 0.27	< 0.28	< 0.20	< 4.1	< 0.20
1,1-Dichloroethene	µg/m³	0.73 J	0.48 J	< 0.30	< 0.30	< 0.20	< 4.1	< 0.20
1,2-Dichloroethane	µg/m³	< 0.28	< 0.29	< 0.31	< 0.31	< 0.20	< 4.2	< 0.21
Carbon tetrachloride	µg/m³	< 0.50	< 0.52	< 0.55	< 0.56	0.57 J	< 6.9	0.46 J
Chloroform	µg/m³	2.8	2.8	2.3	< 0.25	0.42 J	< 4.8	< 0.23
cis-1,2-Dichloroethene	µg/m³	657 E	649	350	20.9	143	273	161
Methylene chloride	µg/m³	< 2.3	< 2.4	< 2.5	< 2.6	< 1.9	< 38.6	< 1.9
Tetrachloroethene	µg/m³	16.8	15.9	12.3	0.84 J	2.4	8.5 J	5.4
trans-1,2-Dichloroethene	µg/m³	15.9	12.8	8.8	< 0.23	3.1	5.6 J	2.9
Trichloroethene	µg/m³	523	2,260	1,570	71.4	599	1,420	933
Vinyl chloride	µg/m³	< 0.082	< 0.086	< 0.091	< 0.093	< 0.13	< 2.7	< 0.13

Notes:

< = Compound not detected at concentrations above the laboratory method detection limit.

The laboratory method detection limit is shown.

If the method detection limit is not available, the reporting detection limit is shown (RDL).

Empty cells = Not analyzed

N = Normal Environmental Sample

µg/m³ = micrograms per cubic meter

Qualifiers - Organic:

E = Result exceeds the instrument calibration range.

J = Result is less than the RDL but greater than or equal to the method detection level and the concentration is an approximate value (PACE).

CH = The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased high.

L1 = Analyte recovery in the laboratory control sample was above quality control limits. Results for this analyte in associated samples may be biased high.

SS = This analyte did not meet the secondary source verification criteria for the initial calibration. The reported result should be considered an estimated

All analyses performed by PACE.

Table 5
SVE System Effluent Analytical
910 Mayer LLC
910 Oscar Avenue
Madison, WI

Analyte	Location ID	SVE-EFF	SVE-EFF	SVE-EFF	SVE-EFF	SVE-EFF	SVE-EFF
	Sample Date	15-Jan-21	08-Feb-21	19-Mar-21	07-May-21	21-May-21	22-Jun-21
	Sample Type	N	N	N	N	N	N
	Sample ID Unit	SVE-EFF-20210115	SVE-EFF-20210208	SVE-EFF-20210319	SVE-EFF-20210507	SVE-EFF-20210521	SVE-EFF-20210622
Method TO-15, µg/m³							
1,1,1-Trichloroethane	µg/m ³	< 0.23	< 3.6	< 0.31	< 0.25	< 0.31	< 0.25
1,1,2-Trichloroethane	µg/m ³	< 0.23	< 3.3	< 0.29	< 0.26	< 0.33	< 0.26
1,1-Dichloroethane	µg/m ³	< 0.24	< 2.4	< 0.21	< 0.22	< 0.28	< 0.22
1,1-Dichloroethene	µg/m ³	< 0.26	< 2.4	< 0.21	< 0.18	< 0.23	< 0.18
1,2-Dichloroethane	µg/m ³	< 0.27	< 2.5	< 0.21	< 0.26	< 0.33	< 0.26
Carbon tetrachloride	µg/m ³	< 0.48	< 4.1	< 0.35	< 0.38	0.53 J	0.47 J
Chloroform	µg/m ³	0.64 J	< 2.8	< 0.24	< 0.25	0.85	0.88
cis-1,2-Dichloroethene	µg/m ³	126	80.5	86.4	0.58 J	70.6	109
Methylene chloride	µg/m ³	< 2.2	< 23.0	< 2.0	3.8 J,CH,L1,SS	< 1.0	< 0.79
Tetrachloroethene	µg/m ³	4.7	< 4.8	3.0	< 0.39	3.8	5.4
trans-1,2-Dichloroethene	µg/m ³	2.6	< 3.2	1.7	< 0.23	1.6	2.5
Trichloroethene	µg/m ³	808	437	497	3.6	374	495
Vinyl chloride	µg/m ³	< 0.079	< 1.6	< 0.14	< 0.12	0.38 J	< 0.12

Notes:

< = Compound not detected at concentrations above the laboratory method detection limit.

The laboratory method detection limit is shown.

If the method detection limit is not available, the reporting detection limit is shown (RDL).

Empty cells = Not analyzed

N = Normal Environmental Sample

µg/m³ = micrograms per cubic meter

Qualifiers - Organic:

E = Result exceeds the instrument calibration range.

J = Result is less than the RDL but greater than or equal to the method detection level and the concentration is an approximate value (PACE).

CH = The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased high.

L1 = Analyte recovery in the laboratory control sample was above quality control limits. Results for this analyte in associated samples may be biased high.

SS = This analyte did not meet the secondary source verification criteria for the initial calibration. The reported result should be considered an estimated

All analyses performed by PACE.

Table 6
Cumulative Mass Removal Calculations
910 Mayer LLC
910 Oscar Avenue
Madison, WI

Analytes ⁽³⁾	Location ID	SVE-EFF ⁽¹⁾	SVE-EFF	SVE-EFF	SVE-EFF	SVE-EFF
	Sample Date	08-Dec-20	09-Dec-20	10-Dec-20	17-Dec-20	24-Dec-20
	Sample Type	N	N	N	N	N
	Sample ID	SVE-EFF-20201208-PM	SVE-EFF2-20201209	SVE-EFF3-20201210	SVE-EFF4-20201217	SVE-EFF1-20201224
	Unit					
Method TO-15, µg/m³						
1,1,1-Trichloroethane	µg/m ³	0.00	0.00	0.00	0.00	0.00
1,1,2-Trichloroethane	µg/m ³	0.00	0.00	0.00	0.00	0.00
1,1-Dichloroethane	µg/m ³	0.00	0.00	0.00	0.00	0.00
1,1-Dichloroethene	µg/m ³	0.48	0.00	0.00	0.00	0.00
1,2-Dichloroethane	µg/m ³	0.00	0.00	0.00	0.00	0.00
Carbon tetrachloride	µg/m ³	0.00	0.00	0.00	0.57	0.00
Chloroform	µg/m ³	2.8	2.3	0.00	0.42	0.00
cis-1,2-Dichloroethene	µg/m ³	649	350	20.9	143	273
Methylene chloride	µg/m ³	0.00	0.00	0.00	0.00	0.00
Tetrachloroethene	µg/m ³	15.9	12.3	0.84	2.4	8.50
trans-1,2-Dichloroethene	µg/m ³	12.8	8.8	0.00	3.1	5.60
Trichloroethene (TCE)	µg/m ³	2,260	1,570	71.4	599	1,420
Vinyl chloride	µg/m ³	0.00	0.00	0.00	0.00	0.00
SVE Monthly Flowrate (FIT-101)	SCFM	229.30	227.10	227.10	230.40	220.30
TCE discharge rate	lbs/day	0.047	0.032	0.001	0.012	0.028
TCE Monthly Mass Removed	lbs	0.047	0.032	0.001	0.087	0.197
TCE Cumulative Mass Removal	lbs	0.047	0.079	0.080	0.167	0.364
CVOCs discharge rate	lbs/day	0.061	0.040	0.002	0.015	0.034
CVOCs Monthly Mass Removed	lbs	0.061	0.040	0.002	0.108	0.236
CVOCs Cumulative Mass Removed	lbs	0.061	0.100	0.102	0.211	0.447

Notes:

(1) The PM sampling time for December 8th was used for the December 8th sampling event.

(2) Due to no available system flow data for January 5, 2021, the SVE flow rate from January 15, 2021 was used for the January 5th sampling event.

(3) Analytes not detected above the method detection limit were assumed zero for the mass removal calculations.

µg/m³ = Micrograms per cubic meter

CVOCs = Chlorinated volatile organic compounds

lbs = Pounds

N = Normal Environmental Sample

SCFM = Standard cubic feet per minute

SVE = Soil vapor extraction

Table 6
Cumulative Mass Removal Calculations
910 Mayer LLC
910 Oscar Avenue
Madison, WI

Analytes ⁽³⁾	Location ID	SVE-EFF ⁽²⁾	SVE-EFF	SVE-EFF	SVE-EFF	SVE-EFF
	Sample Date	05-Jan-21	15-Jan-21	08-Feb-21	19-Mar-21	07-May-21
	Sample Type	N	N	N	N	N
	Sample ID	SVE-EFF6-20210105	SVE-EFF-20210115	SVE-EFF-20210208	SVE-EFF-20210319	SVE-EFF-20210507
Unit						
Method TO-15, µg/m³						
1,1,1-Trichloroethane	µg/m ³	0.00	0.00	0.00	0.00	0.00
1,1,2-Trichloroethane	µg/m ³	0.00	0.00	0.00	0.00	0.00
1,1-Dichloroethane	µg/m ³	0.00	0.00	0.00	0.00	0.00
1,1-Dichloroethene	µg/m ³	0.00	0.00	0.00	0.00	0.00
1,2-Dichloroethane	µg/m ³	0.00	0.00	0.00	0.00	0.00
Carbon tetrachloride	µg/m ³	0.46	0.00	0.00	0.00	0.00
Chloroform	µg/m ³	0.00	0.64	0.00	0.00	0.00
cis-1,2-Dichloroethene	µg/m ³	161	126.00	80.50	86.40	0.58
Methylene chloride	µg/m ³	0.00	0.00	0.00	0.00	3.80
Tetrachloroethene	µg/m ³	5.4	4.70	0.00	3.00	0.00
trans-1,2-Dichloroethene	µg/m ³	2.9	2.60	0.00	1.70	0.00
Trichloroethene (TCE)	µg/m ³	933	808.00	437.00	497.00	3.60
Vinyl chloride	µg/m ³	0.00	0.00	0.00	0.00	0.00
SVE Monthly Flowrate (FIT-101)	SCFM	225.10	225.10	239.00	225.30	219.40
TCE discharge rate	lbs/day	0.019	0.016	0.009	0.010	0.000
TCE Monthly Mass Removed	lbs	0.226	0.163	0.225	0.392	0.003
TCE Cumulative Mass Removal	lbs	0.590	0.753	0.978	1.371	1.374
CVOCs discharge rate	lbs/day	0.022	0.019	0.011	0.012	0.000
CVOCs Monthly Mass Removed	lbs	0.268	0.190	0.267	0.464	0.008
CVOCs Cumulative Mass Removed	lbs	0.715	0.905	1.172	1.636	1.644

Notes:

(1) The PM sampling time for December 8th was used for the December 8th sampling event.

(2) Due to no available system flow data for January 5, 2021, the SVE flow rate from January 15, 2021 was used for the January 5th sampling event.

(3) Analytes not detected above the method detection limit were assumed zero for the mass removal calculations.

µg/m³ = Micrograms per cubic meter

CVOCs = Chlorinated volatile organic compounds

lbs = Pounds

N = Normal Environmental Sample

SCFM = Standard cubic feet per minute

SVE = Soil vapor extraction

Table 6
Cumulative Mass Removal Calculations
910 Mayer LLC
910 Oscar Avenue
Madison, WI

Analytes ⁽³⁾	Location ID	SVE-EFF	SVE-EFF
	Sample Date	21-May-21	22-Jun-21
	Sample Type	N	N
	Sample ID	SVE-EFF-20210521	SVE-EFF-20210622
	Unit		
Method TO-15, µg/m³			
1,1,1-Trichloroethane	µg/m ³	0.00	0.00
1,1,2-Trichloroethane	µg/m ³	0.00	0.00
1,1-Dichloroethane	µg/m ³	0.00	0.00
1,1-Dichloroethene	µg/m ³	0.00	0.00
1,2-Dichloroethane	µg/m ³	0.00	0.00
Carbon tetrachloride	µg/m ³	0.53	0.47
Chloroform	µg/m ³	0.85	0.88
cis-1,2-Dichloroethene	µg/m ³	70.60	109.00
Methylene chloride	µg/m ³	0.00	0.00
Tetrachloroethene	µg/m ³	3.80	5.40
trans-1,2-Dichloroethene	µg/m ³	1.60	2.50
Trichloroethene (TCE)	µg/m ³	374.00	495.00
Vinyl chloride	µg/m ³	0.38	0.00
SVE Monthly Flowrate (FIT-101)	SCFM	218.30	214.70
TCE discharge rate	lbs/day	0.007	0.010
TCE Monthly Mass Removed	lbs	0.103	0.305
TCE Cumulative Mass Removal	lbs	1.477	1.782
CVOCs discharge rate	lbs/day	0.009	0.012
CVOCs Monthly Mass Removed	lbs	0.124	0.378
CVOCs Cumulative Mass Removed	lbs	1.768	2.146

Notes:

(1) The PM sampling time for December 8th was used for the December 8th sampling event.

(2) Due to no available system flow data for January 5, 2021, the SVE flow rate from January 15, 2021 was used for the January 5th sampling event.

(3) Analytes not detected above the method detection limit were assumed zero for the mass removal calculations.

µg/m³ = Micrograms per cubic meter

CVOCs = Chlorinated volatile organic compounds

lbs = Pounds

N = Normal Environmental Sample

SCFM = Standard cubic feet per minute

SVE = Soil vapor extraction

ATTACHMENTS

- A – WDNR Form 4400-194
- B – Laboratory Analytical Reports

GENERAL INSTRUCTIONS, PURPOSE AND APPLICABILITY OF THIS FORM:

Completion of the applicable portions of this form is required under Wis. Admin. Code § NR 724.13(3). Failure to submit this form as required is a violation of that rule section and is subject to the penalties in Wis. Stats. § 292.99. This form must be submitted every six months for remediation projects that report operation and maintenance progress, in accordance with Wis. Admin. Code §. NR 724.13(3). A narrative report or letter containing the equivalent information required in this form may be submitted in lieu of the actual form. Submittal of this form is not a substitute for reporting required by department programs such as Waste Water or Air Management.

Notes:

1. Long-term monitoring results submitted in accordance with Wis. Admin. Code § NR 724.17(3) are required to be submitted within 10 business days of receiving sampling results and are not required to be submitted using this form. However, portions of this form require monitoring data summary information that may be based on information previously submitted in accordance with that section of code.
2. Responsible parties should check with the department Project Manager assigned to the site to determine if this form is required to be submitted at sites responded to under the Federal Comprehensive Environmental Response and Compensation Act (commonly known as Superfund) or an equivalent state-lead response.
3. Responsible parties should check with the department Project Manager assigned to the site to determine if any of the information required in this form may be omitted or changed and should obtain prior written approval for any omissions or changes.
4. Responsible parties are required to report separately on a semi-annual basis under Wis. Admin. Code § NR 700.11(1). Reporting under that provision is through an internet-based form. More information can be found at:
<http://dnr.wi.gov/topic/Brownfields/documents/reg/NR700proreport.pdf>.
5. Personally identifiable information on this form is not intended to be used for any other purpose than tracking progress of the remediation by Remediation and Redevelopment Program. Personal information collected will be used for administrative purposes and may be provided to requesters to the extent required by Wisconsin's Public Records Law (Wis. Stats. §§ 19.31–19.39).

Section GI - General Site Information

A. General Information

1. Site name

Oscar Mayer Former Spice Room Building 43

2. Reporting period from:	01/01/2020	To:	06/30/2021	Days in period:	181
3. Regulatory agency (enter DNR, DATCP and/or other)	4. BRRTS ID No. (2 digit program-2 digit county-6 digit site specific) DNR 02-13-580723				

5. Site location

Region	County	Address
South Central Region	Dane	910 Oscar Avenue
Municipality name	<input checked="" type="radio"/> City <input type="radio"/> Town <input type="radio"/> Village	Township
Madison		Range <input checked="" type="radio"/> E 08 N 10 <input type="radio"/> W

6. Responsible party

Name	7. Consultant		
910 Mayer, LLC	<input checked="" type="checkbox"/> Select if the following information has changed since the last submittal		

Mailing address

15 Reservoir Road White Plains, NY 10603

Phone number

(914) 719-6076

8. Contaminants

Chlorinated Solvents / Volatile Organic Compounds

9. Soil types (USCS or USDA)

N/A

10. Hydraulic conductivity(cm/sec):

N/A

11. Average linear velocity of groundwater (ft/yr)

N/A

12. If soil is treated ex situ, is the treatment location off site?

Yes No

If yes, give location: Region	County				
Municipality name <input type="radio"/> City <input type="radio"/> Town <input type="radio"/> Village	Township N <input type="radio"/> E <input type="radio"/> W Range Section $\frac{1}{4}$ $\frac{1}{4} \frac{1}{4}$				

B. Remediation Method

Only submit sections that apply to an individual site. Check all that apply:

- Landspreading/thinspreading of petroleum contaminated soil (submit a completed Section ES-2).
- Other ex situ remediation method (submit a completed Section ES-3).
- Site is a landfill (submit a completed Section LF-1).
- Biopiles (submit a completed Section ES-1).
- Other in situ soil remediation method (submit a completed Section IS-3).
- Soil natural attenuation (submit a completed Section IS-2).
- Soil venting (including soil vapor extraction building venting and bioventing submit a completed Section IS-1).
- Other groundwater remediation method (submit a completed Section GW-4).
- Groundwater natural attenuation (submit a completed Section GW-3).
- In situ air sparging (submit a completed Section GW-2).
- Free product recovery (submit a completed Section GW-1).
- Groundwater extraction (submit a completed Section GW-1).

C. General Effectiveness Evaluation for All Active Systems

If the remediation is active (not natural attenuation), complete this subsection.

1. Is the system operating at design rates and specifications?

Yes No

If the answer is no, explain whether or not modifications are necessary to achieve the goal that was previously established in design.

2. Are modifications to the system warranted to improve effectiveness

Yes No

If yes, explain:

3. Is natural attenuation an effective low cost option at this time?

Yes No

4. Is closure sampling warranted at this time?

Yes No

5. Are there any modifications that can be made to the remediation to improve cost effectiveness?

Yes No

If yes, explain:

Reduce groundwater sampling frequency from quarterly to annual due to established low concentrations in groundwater.

Site name: Oscar Mayer Former Spice Room Building 43
Reporting period from: 01/01/2020 To: 06/30/2021
Days in period: 181

Remediation Site Operation, Maintenance, Monitoring & Optimization Report

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D. Economic and Cost Data to Date

1. Total investigation cost: _____
2. Implementation costs (design, capital and installation costs, excluding investigation costs): _____
3. Total costs during the previous reporting period: _____
4. Total costs during this reporting period: _____
5. Total anticipated costs for the next reporting period: _____
6. Are any unusual or one-time costs listed in the reporting periods covered by D.3., D.4. or D.5. above? Yes No

If yes, explain:

7. If closure is anticipated within 12 months, estimated costs for project closeout: _____

E. Name(s), Signature(s) and Date of Person(s) Submitting Form

Legibly print name, date and sign. Only persons qualified to submit reports under ch. NR 712 Wis. Adm. Code are to sign this form for sites with any ongoing active remediation, monitoring or an investigation. Other persons may sign this form for sites with no response activities during the six month reporting period.

Registered Professional Engineers:

I hereby certify that I am a registered professional engineer in the State of Wisconsin, registered in accordance with the requirements of ch. A-E 4, Wis. Adm. Code; that this document has been prepared in accordance with the Rules of Professional Conduct in ch. A-E 8, Wis. Adm. Code; and that, to the best of my knowledge, all information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code.

Print name	Title
David de Courcy-Bower	Partner
Signature 	Date 11/1/2021

Hydrogeologists:

I hereby certify that I am a hydrogeologist as that term is defined in s. NR 712.03(1), Wis. Adm. Code, am registered in accordance with the requirements of ch. GHSS 2, Wis. Adm. Code, or licensed in accordance with the requirements of ch. GHSS 3, Wis. Adm. Code, and that, to the best of my knowledge, all of the information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code.

Print name	Title
John Roberts	Senior Geologist
Signature 	Date 11/1/2021

Scientists:

I hereby certify that I am a scientist as that term is defined in s. NR 712.03(3), Wis. Adm. Code, and that, to the best of my knowledge, all information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code.

Print name	Title
Andrew Corcoran	Senior Engineer
Signature 	Date 11/1/2021

Other Persons:

Print name	Title
Signature	Date

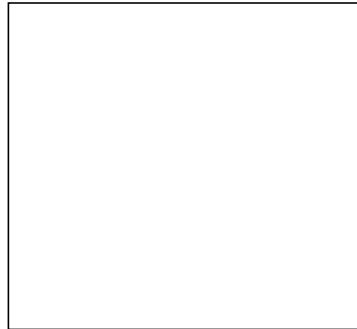
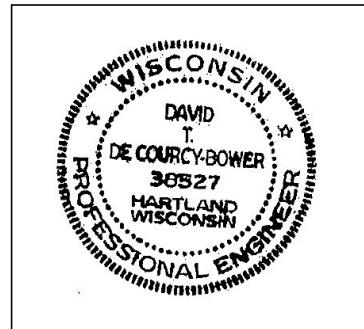
Site name: Oscar Mayer Former Spice Room Building 43
Reporting period from: 01/01/2020 To: 06/30/2021
Days in period: 181

Remediation Site Operation, Maintenance, Monitoring & Optimization Report

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Professional Seal(s), if applicable:



Section GW-3, Natural Attenuation (Passive Bioremediation) in Groundwater

A. Effectiveness Evaluation

1. If free product is not present, determine the single contaminant that requires the greatest percent reduction to achieve ch. NR 140 ES and PAL. Perform this calculation for all contaminants that were present at the site that have ch. NR 140 standards. Use the highest contaminant concentration measured in any sampling points during reporting period. If free product is present, write "FREE PRODUCT" in A.1.a

a. Contaminant: trichloroethylene (TCE)

b. Percent reduction necessary to reach ch. NR 140 ES and PAL:

c. Maximum contaminant concentration level in any monitoring well of that contaminant:

1.1

%

µg/L

2. Aquifer parameters:

a. Hydraulic conductivity:

cm/sec

b. Groundwater average linear velocity:

ft/yr

3. Is there a downgradient monitoring well that meets ch. NR 140 standards?

Yes No

4. Based on water chemistry results, is the plume: Expanding Stabilized Contracting ?

Yes No

5. If the answer in 4. (above) is "expanding," is natural attenuation still the best option?

If yes, explain:

6. Biodegradation parameters:

a. Upgradient (or other site specific background) DO level:

µg/L

b. DO levels in the part of the plume that is most heavily contaminated

µg/L

7. Is site closure a viable option within 12 months from the date of this form?

Yes No

8. Are there any modifications that can improve cost effectiveness?

Yes No

If yes, explain:

9. Have groundwater table fluctuations changed the contaminant level trends over time?

Yes No

If yes, explain:

10. Has the direction of groundwater flow changed during the reporting period?

Yes No

If yes, approximate change in degrees: _____

B. Additional Attachments

Attach the following:

- Groundwater contour map.
- Groundwater contaminant distribution map (may be combined with contour map).
- When contaminants are aerobically biodegradable, attach a dissolved oxygen in groundwater map (dissolved oxygen may be combined with the contaminant data on a single map).
- Graph of contaminant concentrations versus time for the contaminant listed in A.1.a. (above) for the monitoring point with the greatest level of contamination.

Note: This is the minimum required graph; however, it is recommended that multiple time versus contamination concentration graphs as described in the instructions on page 24 for Natural Attenuation of Groundwater be submitted.

- Graph of contaminant concentrations versus distance.
- Groundwater contaminant chemistry table.
- Groundwater biological parameters.
- Groundwater elevations table.

Section IS-1, Soil Venting (Including Soil Vapor Extraction, Building Venting and Bioventing)

A. Soil Venting Operation

Note: This form is not required for building vapor mitigation systems that are installed proactively to protect building occupants/users and are not considered part of ongoing active soil remediation.

1. Number of air extraction wells available and number of wells actually in use during the period: 20

2. Number of days of operation (only list the number of days the system actually operated, if unknown explain):

181

3. System utilization in percent (days of operation divided by reporting time period multiplied by 100). If < 80%, explain:

100%

4. Average depth to groundwater: 4 gpm

B. Building Basement/Subslab Venting System Operation

1. Number of venting points available and number of points actually in use during the period: 23

2. Number of days of operation (only list the number of days the system actually operated, if unknown explain):
181

3. System utilization in percent (days of operation divided by reporting time period multiplied by 100). If < 80%, explain:
100%

C. Effectiveness Evaluation

1. Average contaminant removal rate for the entire system: 0.02 pounds per day

2. Average contaminant removal rate per well or venting point: 0.001 pounds per day

3. If the average contaminant removal rate is less than one pound per day for the entire system, or if the average contaminant removal rate per well is less than one tenth of a pound per day, evaluate the following:

a. If contaminants are aerobically biodegradable and confirmation borings have not been drilled in the past year:

i. Oxygen levels in extracted air: percent

ii. Methane levels in extracted air (ppmv) If over 10 ppmv, explain:

iii. If methane is not present above 10 ppmv and if oxygen is greater than 20 percent in extracted air, you should either:

- o Drill confirmation borings during the next reporting period, if the entire site should be considered for closure.
- o Or, perform an in situ respirometry test in a zone of high contamination. Do not perform the test in an air extraction well, use a gas probe or water table well. If a zero order rate of decay based on oxygen depletion is less than 2 mg/kg per day, then you should drill confirmation borings, if the entire site should be considered for closure. If the rate of decay is between 2 and 10 mg/kg, operate for one more reporting period before evaluating further. If the zero order rate of decay is greater than 10 mg/kg total hydrocarbons, continue operating the system in a manner that maximizes aerobic biodegradation.

b. If contaminants are not aerobically biodegradable and confirmation borings have not been recently drilled during the past year, you should drill confirmation borings during the next reporting period if the entire site should be considered for closure.

c. If soil borings were drilled during the past year and soil contamination remains above acceptable levels, explain if the system effectiveness can be increased and/or if other options need to be considered to achieve cleanup criteria.

D. Additional Attachments

Attach the following to this form:

- Well and soil sample location map indicating all air extraction wells. If forced air injection wells are also in use, identify those wells.
- If water table monitoring wells are present at the site, a map of well locations.
- Time versus vapor phase contaminant concentration graph.
- Time versus cumulative contaminant removal graph.
- Groundwater elevations table, if water table wells are present at the site; also list screen lengths and elevations.
- Table of soil contaminant chemistry data.
- Soil gas data, if gas probes are used to monitor subsurface conditions in locations other than where air is extracted.
- System operational data table.

Section GW-3, Natural Attenuation in Groundwater

- A.1. See instructions for Section GW-1, Item C.4.
- A.2.a. List the estimated hydraulic conductivity that was listed on line A.11 in Section GI-1.
- A.2.b. List the groundwater average linear velocity that was listed on line A.12 in Section GI-1.
- A.3. Assess the monitoring well network to determine if there is a down gradient well that has not been impacted by the contaminants. Consider the possibility of a submerged (or diving) plume in that assessment. If all evidence indicates that the plume does not extend to the farthest "clean" downgradient well, indicate "YES" on the form. Otherwise indicate "NO" on the form. If there are not plans to install such a well, explain.
- A.4. Based on the contaminant distribution, evaluate whether or not the plume is expanding, stabilized, or contracting. When making this determination, consider the contaminant that requires the greatest percent reduction to achieve ch. NR 140 standards.
- A.5. If the plume is expanding and a justification is necessary, add additional sheets justifying why natural attenuation is still the appropriate remedy. If it is not, further describe in the explanation the plans to use a different remedy.
- A.6.a. Enter the upgradient dissolved oxygen (DO) level(s). If however there are contaminants measured in the upgradient well, it is not a true background measurement. In that case enter "UNKNOWN" on the form.
- A.6.b. Enter the range of DO values measured in wells within the plume.
- B. See the generic discussion at the end of the instructions (below) for figures, graphs and tables, starting on page INS-2.

Section GW-4, Other Groundwater Remediation Methods

- A.1. See instructions for Section GW-1, Item C.4.
- A.2. Self explanatory.
- A.3-4. Enter the information specified by the DNR for this method at this site.

Section IS-1, Soil Venting (Including both Soil Vapor Extraction and Bioventing)

- B.3. This subsection is used as a trigger for determining if the system requires an evaluation for future activities, such as improvements, converting the site to monitoring for natural attenuation, closure, etc. If an in situ respiration test must be performed, see Hinchee, R.E. and Ong, S.K. 1992. A Rapid In Situ Respiration Test for Measuring Aerobic Biodegradation Rates of Hydrocarbons in Soil. *Journal of the Air and Waste Management Association*. Volume 42, Number 10. Pages 1305 to 1312 for general procedures. For a discussion of methane monitoring, see the instructions for Section IS-2, item A.1.d., below. If the contaminant extraction rate in B.3. is greater than the trigger levels, leave lines B.3.a.i. and B.3.a.ii. blank.
- C. See the generic discussion at the end of the instructions (below) for figures, graphs and tables, starting on page INS-2.

January 12, 2021

Andrew Corcoran
ERM
700 West Virginia St.
Suite 101
Milwaukee, WI 53204

RE: Project: 0441161.03 910 Mayer
Pace Project No.: 10543548

Dear Andrew Corcoran:

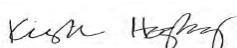
Enclosed are the analytical results for sample(s) received by the laboratory on December 28, 2020. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Minneapolis

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Kirsten Hogberg
kirsten.hogberg@pacelabs.com
(612)607-1700
Project Manager

Enclosures

cc: David De Courcy-Bower, ERM
Andrew DeWitt, ERM



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
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CERTIFICATIONS

Project: 0441161.03 910 Mayer

Pace Project No.: 10543548

Pace Analytical Services - Minneapolis MN

1700 Elm Street SE, Minneapolis, MN 55414	Mississippi Certification #: MN00064
1800 Elm Street SE, Minneapolis, MN 55414--Satellite Air Lab	Missouri Certification #: 10100
A2LA Certification #: 2926.01*	Montana Certification #: CERT0092
Alabama Certification #: 40770	Nebraska Certification #: NE-OS-18-06
Alaska Contaminated Sites Certification #: 17-009*	Nevada Certification #: MN00064
Alaska DW Certification #: MN00064	New Hampshire Certification #: 2081*
Arizona Certification #: AZ0014*	New Jersey Certification #: MN002
Arkansas DW Certification #: MN00064	New York Certification #: 11647*
Arkansas WW Certification #: 88-0680	North Carolina DW Certification #: 27700
California Certification #: 2929	North Carolina WW Certification #: 530
Colorado Certification #: MN00064	North Dakota Certification #: R-036
Connecticut Certification #: PH-0256	Ohio DW Certification #: 41244
EPA Region 8+Wyoming DW Certification #: via MN 027-053-137	Ohio VAP Certification #: CL101
Florida Certification #: E87605*	Oklahoma Certification #: 9507*
Georgia Certification #: 959	Oregon Primary Certification #: MN300001
Hawaii Certification #: MN00064	Oregon Secondary Certification #: MN200001*
Idaho Certification #: MN00064	Pennsylvania Certification #: 68-00563*
Illinois Certification #: 200011	Puerto Rico Certification #: MN00064
Indiana Certification #: C-MN-01	South Carolina Certification #: 74003001
Iowa Certification #: 368	Tennessee Certification #: TN02818
Kansas Certification #: E-10167	Texas Certification #: T104704192*
Kentucky DW Certification #: 90062	Utah Certification #: MN00064*
Kentucky WW Certification #: 90062	Vermont Certification #: VT-027053137
Louisiana DEQ Certification #: AI-03086*	Virginia Certification #: 460163*
Louisiana DW Certification #: MN00064	Washington Certification #: C486*
Maine Certification #: MN00064*	West Virginia DEP Certification #: 382
Maryland Certification #: 322	West Virginia DW Certification #: 9952 C
Massachusetts DWP Certification #: via MN 027-053-137	Wisconsin Certification #: 999407970
Michigan Certification #: 9909	Wyoming UST Certification #: via A2LA 2926.01
Minnesota Certification #: 027-053-137*	USDA Permit #: P330-19-00208
Minnesota Dept of Ag Certification #: via MN 027-053-137	*Please Note: Applicable air certifications are denoted with an asterisk (*).
Minnesota Petrofund Certification #: 1240*	

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 0441161.03 910 Mayer
Pace Project No.: 10543548

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10543548001	SVE-EFF1-20201224	Air	12/24/20 15:03	12/28/20 09:55

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 0441161.03 910 Mayer
Pace Project No.: 10543548

Lab ID	Sample ID	Method	Analysts	Analytics Reported	Laboratory
10543548001	SVE-EFF1-20201224	TO-15	AFV	13	PASI-M

PASI-M = Pace Analytical Services - Minneapolis

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: 0441161.03 910 Mayer
Pace Project No.: 10543548

Lab Sample ID	Client Sample ID	Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
10543548001	SVE-EFF1-20201224						
TO-15	cis-1,2-Dichloroethene		273	ug/m3	26.0	01/12/21 01:21	
TO-15	trans-1,2-Dichloroethene		5.6J	ug/m3	26.0	01/12/21 01:21	
TO-15	Tetrachloroethene		8.5J	ug/m3	22.2	01/12/21 01:21	
TO-15	Trichloroethene		1420	ug/m3	17.6	01/12/21 01:21	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 0441161.03 910 Mayer

Pace Project No.: 10543548

Sample: SVE-EFF1-20201224 Lab ID: 10543548001 Collected: 12/24/20 15:03 Received: 12/28/20 09:55 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
	Pace Analytical Services - Minneapolis								
Carbon tetrachloride	<6.9	ug/m3	41.2	6.9	32.2		01/12/21 01:21	56-23-5	
Chloroform	<4.8	ug/m3	16.0	4.8	32.2		01/12/21 01:21	67-66-3	
1,1-Dichloroethane	<4.1	ug/m3	26.5	4.1	32.2		01/12/21 01:21	75-34-3	
1,2-Dichloroethane	<4.2	ug/m3	13.2	4.2	32.2		01/12/21 01:21	107-06-2	
1,1-Dichloroethene	<4.1	ug/m3	26.0	4.1	32.2		01/12/21 01:21	75-35-4	
cis-1,2-Dichloroethene	273	ug/m3	26.0	4.5	32.2		01/12/21 01:21	156-59-2	
trans-1,2-Dichloroethene	5.6J	ug/m3	26.0	5.4	32.2		01/12/21 01:21	156-60-5	
Methylene Chloride	<38.6	ug/m3	114	38.6	32.2		01/12/21 01:21	75-09-2	
Tetrachloroethene	8.5J	ug/m3	22.2	8.0	32.2		01/12/21 01:21	127-18-4	
1,1,1-Trichloroethane	<6.1	ug/m3	35.7	6.1	32.2		01/12/21 01:21	71-55-6	
1,1,2-Trichloroethane	<5.6	ug/m3	17.9	5.6	32.2		01/12/21 01:21	79-00-5	
Trichloroethene	1420	ug/m3	17.6	6.8	32.2		01/12/21 01:21	79-01-6	
Vinyl chloride	<2.7	ug/m3	8.4	2.7	32.2		01/12/21 01:21	75-01-4	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 0441161.03 910 Mayer

Pace Project No.: 10543548

QC Batch: 719781

Analysis Method: TO-15

QC Batch Method: TO-15

Analysis Description: TO15 MSV AIR Low Level

Laboratory:

Pace Analytical Services - Minneapolis

Associated Lab Samples: 10543548001

METHOD BLANK: 3839736

Matrix: Air

Associated Lab Samples: 10543548001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/m3	<0.094	0.56	01/11/21 09:28	
1,1,2-Trichloroethane	ug/m3	<0.087	0.28	01/11/21 09:28	
1,1-Dichloroethane	ug/m3	<0.064	0.41	01/11/21 09:28	
1,1-Dichloroethene	ug/m3	<0.064	0.40	01/11/21 09:28	
1,2-Dichloroethane	ug/m3	<0.066	0.21	01/11/21 09:28	
Carbon tetrachloride	ug/m3	<0.11	0.64	01/11/21 09:28	
Chloroform	ug/m3	<0.074	0.25	01/11/21 09:28	
cis-1,2-Dichloroethene	ug/m3	<0.070	0.40	01/11/21 09:28	
Methylene Chloride	ug/m3	<0.60	1.8	01/11/21 09:28	
Tetrachloroethene	ug/m3	<0.12	0.34	01/11/21 09:28	
trans-1,2-Dichloroethene	ug/m3	<0.084	0.40	01/11/21 09:28	
Trichloroethene	ug/m3	<0.10	0.27	01/11/21 09:28	
Vinyl chloride	ug/m3	<0.042	0.13	01/11/21 09:28	

LABORATORY CONTROL SAMPLE: 3839737

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/m3	57	60.9	107	70-130	
1,1,2-Trichloroethane	ug/m3	57.3	61.2	107	70-134	
1,1-Dichloroethane	ug/m3	42.7	45.4	106	70-133	
1,1-Dichloroethene	ug/m3	41.4	43.6	105	70-130	
1,2-Dichloroethane	ug/m3	42.4	46.0	109	70-132	
Carbon tetrachloride	ug/m3	66.2	72.7	110	70-131	
Chloroform	ug/m3	51.1	54.7	107	70-130	
cis-1,2-Dichloroethene	ug/m3	41.6	45.6	109	70-137	
Methylene Chloride	ug/m3	182	166	91	70-130	
Tetrachloroethene	ug/m3	71	74.1	104	70-130	
trans-1,2-Dichloroethene	ug/m3	42.2	46.4	110	70-130	
Trichloroethene	ug/m3	56.3	61.2	109	70-130	
Vinyl chloride	ug/m3	26.7	27.1	102	70-137	

SAMPLE DUPLICATE: 3840616

Parameter	Units	10543443001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	<0.27	<0.27		25	
1,1,2-Trichloroethane	ug/m3	<0.25	<0.25		25	
1,1-Dichloroethane	ug/m3	<0.18	<0.18		25	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 0441161.03 910 Mayer

Pace Project No.: 10543548

SAMPLE DUPLICATE: 3840616

Parameter	Units	10543443001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1-Dichloroethene	ug/m ³	<0.18	<0.18		25	
1,2-Dichloroethane	ug/m ³	<0.19	<0.19		25	
Carbon tetrachloride	ug/m ³	0.40J	0.44J		25	
Chloroform	ug/m ³	<0.21	<0.21		25	
cis-1,2-Dichloroethene	ug/m ³	<0.20	<0.20		25	
Methylene Chloride	ug/m ³	2.8J	2.8J		25	
Tetrachloroethene	ug/m ³	<0.36	<0.36		25	
trans-1,2-Dichloroethene	ug/m ³	<0.24	<0.24		25	
Trichloroethene	ug/m ³	<0.30	<0.30		25	
Vinyl chloride	ug/m ³	<0.12	<0.12		25	

SAMPLE DUPLICATE: 3840617

Parameter	Units	10543937001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m ³	ND	<0.24		25	
1,1,2-Trichloroethane	ug/m ³	ND	<0.23		25	
1,1-Dichloroethane	ug/m ³	ND	<0.17		25	
1,1-Dichloroethene	ug/m ³	ND	<0.17		25	
1,2-Dichloroethane	ug/m ³	ND	<0.17		25	
Carbon tetrachloride	ug/m ³	ND	0.40J		25	
Chloroform	ug/m ³	ND	<0.19		25	
cis-1,2-Dichloroethene	ug/m ³	ND	<0.18		25	
Methylene Chloride	ug/m ³	ND	<1.6		25	
Tetrachloroethene	ug/m ³	ND	<0.32		25	
trans-1,2-Dichloroethene	ug/m ³	ND	0.24J		25	
Trichloroethene	ug/m ³	ND	<0.27		25	
Vinyl chloride	ug/m ³	ND	<0.11		25	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 0441161.03 910 Mayer
Pace Project No.: 10543548

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor, percent moisture, initial weight and final volume.

LOQ - Limit of Quantitation adjusted for dilution factor, percent moisture, initial weight and final volume.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

SAMPLE QUALIFIERS

Sample: 10543548001

[1] Analysis performed at 1800 Elm Street.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 0441161.03 910 Mayer
Pace Project No.: 10543548

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10543548001	SVE-EFF1-20201224	TO-15	719781		

REPORT OF LABORATORY ANALYSIS

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AIR: CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a **LEGAL DOCUMENT**. All relevant fields must be completed accurately.

42582

Page: 1 of 1

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company: ERM Address: 700 W Virginia St., #601, Milwaukee, WI 53204 Email To: Andrew.Cerran@erm.com Phone: (414) 276-0441 Fax: Requested Due Date/TAT: 04/16/03		Attention: Andrew DeWitt Company Name: ERM Address: 3352 128th Ave, Holland MI 49424 Purchase Order No.: 0441161 Project Name: 910 Meyer Pace Project Manager/Sales Rep: Kristen Hergberg Pace Profile #: 38593			
'Section D Required Client Information AIR SAMPLE ID Sample IDs MUST BE UNIQUE					
ITEM #	Valid Media Codes	COLLECTED	Summa Can Number	Flow Control Number	SAMPLE CONDITIONS
	MEDIA CODES Cedar Bag 1 Liter Summa Can 6 Liter Summa Can Low Volume Puff High Volume Puff Other	PID Reading (Client only) DATE: 04/16/03 TIME: 14:24:21 MEDIA CODE: 1LC	Initial Field - in Hg Container Pressure (Final Pressure - in Hg)	Final Field - in Hg Canister Pressure (Final Pressure - in Hg)	
		DATE: 04/16/03 TIME: 14:24:21 COMPOSITE - END GRASS			
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
RELINQUISHED BY / AFFILIATION		DATE	TIME	ACCEPTED BY / AFFILIATION	DATE
Danna Fenn ERM 04/16/03		1600		Transfer to Index	12/28/2005
Comments : Will be Pace					
Temp in °C: 10543548 Received on: 12/24/2020 Custom Colter: Y/N Sealed intact: Y/N Reporting Units: ug/m³, ppm, Other Pace Lab ID: DO1					
Sampler Name and Signature: PRINT Name of Sampler: Danna Fenn SIGNATURE of Sampler: [Signature]					

14 Air Technical Phone: 612.607.6386

FC046Rev.01 03Feb2010

January 15, 2021

Ryan Plath
ERM
700 W. Virginia St.
Suite 601
Milwaukee, WI 53211

RE: Project: 0441161.02 910 Mayer
Pace Project No.: 10544470

Dear Ryan Plath:

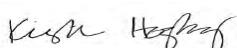
Enclosed are the analytical results for sample(s) received by the laboratory on January 08, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Minneapolis

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Kirsten Hogberg
kirsten.hogberg@pacelabs.com
(612)607-1700
Project Manager

Enclosures

cc: John Roberts, ERM



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 0441161.02 910 Mayer

Pace Project No.: 10544470

Pace Analytical Services - Minneapolis MN

1700 Elm Street SE, Minneapolis, MN 55414	Mississippi Certification #: MN00064
1800 Elm Street SE, Minneapolis, MN 55414--Satellite Air Lab	Missouri Certification #: 10100
A2LA Certification #: 2926.01*	Montana Certification #: CERT0092
Alabama Certification #: 40770	Nebraska Certification #: NE-OS-18-06
Alaska Contaminated Sites Certification #: 17-009*	Nevada Certification #: MN00064
Alaska DW Certification #: MN00064	New Hampshire Certification #: 2081*
Arizona Certification #: AZ0014*	New Jersey Certification #: MN002
Arkansas DW Certification #: MN00064	New York Certification #: 11647*
Arkansas WW Certification #: 88-0680	North Carolina DW Certification #: 27700
California Certification #: 2929	North Carolina WW Certification #: 530
Colorado Certification #: MN00064	North Dakota Certification #: R-036
Connecticut Certification #: PH-0256	Ohio DW Certification #: 41244
EPA Region 8+Wyoming DW Certification #: via MN 027-053-137	Ohio VAP Certification #: CL101
Florida Certification #: E87605*	Oklahoma Certification #: 9507*
Georgia Certification #: 959	Oregon Primary Certification #: MN300001
Hawaii Certification #: MN00064	Oregon Secondary Certification #: MN200001*
Idaho Certification #: MN00064	Pennsylvania Certification #: 68-00563*
Illinois Certification #: 200011	Puerto Rico Certification #: MN00064
Indiana Certification #: C-MN-01	South Carolina Certification #: 74003001
Iowa Certification #: 368	Tennessee Certification #: TN02818
Kansas Certification #: E-10167	Texas Certification #: T104704192*
Kentucky DW Certification #: 90062	Utah Certification #: MN00064*
Kentucky WW Certification #: 90062	Vermont Certification #: VT-027053137
Louisiana DEQ Certification #: AI-03086*	Virginia Certification #: 460163*
Louisiana DW Certification #: MN00064	Washington Certification #: C486*
Maine Certification #: MN00064*	West Virginia DEP Certification #: 382
Maryland Certification #: 322	West Virginia DW Certification #: 9952 C
Massachusetts DWP Certification #: via MN 027-053-137	Wisconsin Certification #: 999407970
Michigan Certification #: 9909	Wyoming UST Certification #: via A2LA 2926.01
Minnesota Certification #: 027-053-137*	USDA Permit #: P330-19-00208
Minnesota Dept of Ag Certification #: via MN 027-053-137	*Please Note: Applicable air certifications are denoted with an asterisk (*).
Minnesota Petrofund Certification #: 1240*	

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 0441161.02 910 Mayer
Pace Project No.: 10544470

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10544470001	SVE-EFF6-20210105	Air	01/05/21 15:30	01/08/21 09:30

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SAMPLE ANALYTE COUNT

Project: 0441161.02 910 Mayer
Pace Project No.: 10544470

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
10544470001	SVE-EFF6-20210105	TO-15	DR1	13	PASI-M

PASI-M = Pace Analytical Services - Minneapolis

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: 0441161.02 910 Mayer
Pace Project No.: 10544470

Lab Sample ID	Client Sample ID					
Method	Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
10544470001	SVE-EFF6-20210105					
TO-15	Carbon tetrachloride	0.46J	ug/m3	2.0	01/14/21 18:28	
TO-15	cis-1,2-Dichloroethene	161	ug/m3	1.3	01/14/21 18:28	
TO-15	trans-1,2-Dichloroethene	2.9	ug/m3	1.3	01/14/21 18:28	
TO-15	Tetrachloroethene	5.4	ug/m3	1.1	01/14/21 18:28	
TO-15	Trichloroethene	933	ug/m3	17.3	01/15/21 10:43	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 0441161.02 910 Mayer

Pace Project No.: 10544470

Sample: SVE-EFF6-20210105 Lab ID: 10544470001 Collected: 01/05/21 15:30 Received: 01/08/21 09:30 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15 Pace Analytical Services - Minneapolis								
Carbon tetrachloride	0.46J	ug/m3	2.0	0.34	1.58		01/14/21 18:28	56-23-5	
Chloroform	<0.23	ug/m3	0.78	0.23	1.58		01/14/21 18:28	67-66-3	
1,1-Dichloroethane	<0.20	ug/m3	1.3	0.20	1.58		01/14/21 18:28	75-34-3	
1,2-Dichloroethane	<0.21	ug/m3	0.65	0.21	1.58		01/14/21 18:28	107-06-2	
1,1-Dichloroethene	<0.20	ug/m3	1.3	0.20	1.58		01/14/21 18:28	75-35-4	
cis-1,2-Dichloroethene	161	ug/m3	1.3	0.22	1.58		01/14/21 18:28	156-59-2	
trans-1,2-Dichloroethene	2.9	ug/m3	1.3	0.26	1.58		01/14/21 18:28	156-60-5	
Methylene Chloride	<1.9	ug/m3	5.6	1.9	1.58		01/14/21 18:28	75-09-2	
Tetrachloroethene	5.4	ug/m3	1.1	0.40	1.58		01/14/21 18:28	127-18-4	
1,1,1-Trichloroethane	<0.30	ug/m3	1.8	0.30	1.58		01/14/21 18:28	71-55-6	
1,1,2-Trichloroethane	<0.27	ug/m3	0.88	0.27	1.58		01/14/21 18:28	79-00-5	
Trichloroethene	933	ug/m3	17.3	6.6	31.6		01/15/21 10:43	79-01-6	
Vinyl chloride	<0.13	ug/m3	0.41	0.13	1.58		01/14/21 18:28	75-01-4	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 0441161.02 910 Mayer

Pace Project No.: 10544470

QC Batch: 720344

Analysis Method: TO-15

QC Batch Method: TO-15

Analysis Description: TO15 MSV AIR Low Level

Laboratory:

Pace Analytical Services - Minneapolis

Associated Lab Samples: 10544470001

METHOD BLANK: 3842257

Matrix: Air

Associated Lab Samples: 10544470001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/m3	<0.19	1.1	01/14/21 11:47	
1,1,2-Trichloroethane	ug/m3	<0.17	0.56	01/14/21 11:47	
1,1-Dichloroethane	ug/m3	<0.13	0.82	01/14/21 11:47	
1,1-Dichloroethene	ug/m3	<0.13	0.81	01/14/21 11:47	
1,2-Dichloroethane	ug/m3	<0.13	0.41	01/14/21 11:47	
Carbon tetrachloride	ug/m3	<0.21	1.3	01/14/21 11:47	
Chloroform	ug/m3	<0.15	0.50	01/14/21 11:47	
cis-1,2-Dichloroethene	ug/m3	<0.14	0.81	01/14/21 11:47	
Methylene Chloride	ug/m3	<1.2	3.5	01/14/21 11:47	
Tetrachloroethene	ug/m3	<0.25	0.69	01/14/21 11:47	
trans-1,2-Dichloroethene	ug/m3	<0.17	0.81	01/14/21 11:47	
Trichloroethene	ug/m3	<0.21	0.55	01/14/21 11:47	
Vinyl chloride	ug/m3	<0.084	0.26	01/14/21 11:47	

LABORATORY CONTROL SAMPLE: 3842258

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/m3	57	66.5	116	70-130	
1,1,2-Trichloroethane	ug/m3	57.3	63.1	110	70-134	
1,1-Dichloroethane	ug/m3	42.7	43.8	102	70-133	
1,1-Dichloroethene	ug/m3	41.4	47.2	114	70-130	
1,2-Dichloroethane	ug/m3	42.4	49.2	116	70-132	
Carbon tetrachloride	ug/m3	66.2	80.7	122	70-131	
Chloroform	ug/m3	51.1	55.6	109	70-130	
cis-1,2-Dichloroethene	ug/m3	41.6	45.6	110	70-137	
Methylene Chloride	ug/m3	182	178	98	70-130	
Tetrachloroethene	ug/m3	71	80.7	114	70-130	
trans-1,2-Dichloroethene	ug/m3	42.2	45.2	107	70-130	
Trichloroethene	ug/m3	56.3	64.6	115	70-130	
Vinyl chloride	ug/m3	26.7	28.5	107	70-137	

SAMPLE DUPLICATE: 3843198

Parameter	Units	10543975003 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	<2.0	<0.34		25	
1,1,2-Trichloroethane	ug/m3	<1.0	<0.32		25	
1,1-Dichloroethane	ug/m3	<1.5	<0.23		25	

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QUALITY CONTROL DATA

Project: 0441161.02 910 Mayer

Pace Project No.: 10544470

SAMPLE DUPLICATE: 3843198

Parameter	Units	10543975003 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1-Dichloroethene	ug/m ³	<1.5	<0.23		25	
1,2-Dichloroethane	ug/m ³	<0.75	<0.24		25	
Carbon tetrachloride	ug/m ³	<2.3	<0.39		25	
Chloroform	ug/m ³	<0.91	<0.27		25	
cis-1,2-Dichloroethene	ug/m ³	<1.5	<0.26		25	
Methylene Chloride	ug/m ³	<6.5	<2.2		25	
Tetrachloroethene	ug/m ³	1.2J	1.1J		25	
trans-1,2-Dichloroethene	ug/m ³	<1.5	<0.31		25	
Trichloroethene	ug/m ³	<1.0	<0.38		25	
Vinyl chloride	ug/m ³	<0.48	<0.15		25	

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QUALIFIERS

Project: 0441161.02 910 Mayer
Pace Project No.: 10544470

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor, percent moisture, initial weight and final volume.

LOQ - Limit of Quantitation adjusted for dilution factor, percent moisture, initial weight and final volume.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

SAMPLE QUALIFIERS

Sample: 10544470001

[1] Analysis performed at 1800 Elm Street.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 0441161.02 910 Mayer
Pace Project No.: 10544470

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10544470001	SVE-EFF6-20210105	TO-15	720344		

REPORT OF LABORATORY ANALYSIS

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AIR: CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

January 26, 2021

Andrew Corcoran
ERM
700 West Virginia St.
Suite 101
Milwaukee, WI 53204

RE: Project: 0441161.02 910 Mayer
Pace Project No.: 10545446

Dear Andrew Corcoran:

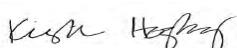
Enclosed are the analytical results for sample(s) received by the laboratory on January 19, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Minneapolis

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Kirsten Hogberg
kirsten.hogberg@pacelabs.com
(612)607-1700
Project Manager

Enclosures

cc: David De Courcy-Bower, ERM
Andrew DeWitt, ERM



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 0441161.02 910 Mayer

Pace Project No.: 10545446

Pace Analytical Services - Minneapolis MN

1700 Elm Street SE, Minneapolis, MN 55414	Mississippi Certification #: MN00064
1800 Elm Street SE, Minneapolis, MN 55414--Satellite Air Lab	Missouri Certification #: 10100
A2LA Certification #: 2926.01*	Montana Certification #: CERT0092
Alabama Certification #: 40770	Nebraska Certification #: NE-OS-18-06
Alaska Contaminated Sites Certification #: 17-009*	Nevada Certification #: MN00064
Alaska DW Certification #: MN00064	New Hampshire Certification #: 2081*
Arizona Certification #: AZ0014*	New Jersey Certification #: MN002
Arkansas DW Certification #: MN00064	New York Certification #: 11647*
Arkansas WW Certification #: 88-0680	North Carolina DW Certification #: 27700
California Certification #: 2929	North Carolina WW Certification #: 530
Colorado Certification #: MN00064	North Dakota Certification #: R-036
Connecticut Certification #: PH-0256	Ohio DW Certification #: 41244
EPA Region 8+Wyoming DW Certification #: via MN 027-053-137	Ohio VAP Certification #: CL101
Florida Certification #: E87605*	Oklahoma Certification #: 9507*
Georgia Certification #: 959	Oregon Primary Certification #: MN300001
Hawaii Certification #: MN00064	Oregon Secondary Certification #: MN200001*
Idaho Certification #: MN00064	Pennsylvania Certification #: 68-00563*
Illinois Certification #: 200011	Puerto Rico Certification #: MN00064
Indiana Certification #: C-MN-01	South Carolina Certification #: 74003001
Iowa Certification #: 368	Tennessee Certification #: TN02818
Kansas Certification #: E-10167	Texas Certification #: T104704192*
Kentucky DW Certification #: 90062	Utah Certification #: MN00064*
Kentucky WW Certification #: 90062	Vermont Certification #: VT-027053137
Louisiana DEQ Certification #: AI-03086*	Virginia Certification #: 460163*
Louisiana DW Certification #: MN00064	Washington Certification #: C486*
Maine Certification #: MN00064*	West Virginia DEP Certification #: 382
Maryland Certification #: 322	West Virginia DW Certification #: 9952 C
Massachusetts DWP Certification #: via MN 027-053-137	Wisconsin Certification #: 999407970
Michigan Certification #: 9909	Wyoming UST Certification #: via A2LA 2926.01
Minnesota Certification #: 027-053-137*	USDA Permit #: P330-19-00208
Minnesota Dept of Ag Certification #: via MN 027-053-137	*Please Note: Applicable air certifications are denoted with an asterisk (*).
Minnesota Petrofund Certification #: 1240*	

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SAMPLE SUMMARY

Project: 0441161.02 910 Mayer
Pace Project No.: 10545446

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10545446001	SVE EFF-20210115	Air	01/15/21 16:45	01/19/21 14:55

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SAMPLE ANALYTE COUNT

Project: 0441161.02 910 Mayer
Pace Project No.: 10545446

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
10545446001	SVE EFF-20210115	TO-15	AFV, MJL	13	PASI-M

PASI-M = Pace Analytical Services - Minneapolis

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SUMMARY OF DETECTION

Project: 0441161.02 910 Mayer
 Pace Project No.: 10545446

Lab Sample ID	Client Sample ID						
Method	Parameters	Result	Units	Report Limit	Analyzed	Qualifiers	
10545446001	SVE EFF-20210115						
TO-15	Chloroform	0.64J	ug/m3	0.69	01/21/21 20:14		
TO-15	cis-1,2-Dichloroethene	126	ug/m3	1.1	01/21/21 20:14		
TO-15	trans-1,2-Dichloroethene	2.6	ug/m3	1.1	01/21/21 20:14		
TO-15	Tetrachloroethene	4.7	ug/m3	0.96	01/21/21 20:14		
TO-15	Trichloroethene	808	ug/m3	22.8	01/22/21 17:06		

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ANALYTICAL RESULTS

Project: 0441161.02 910 Mayer

Pace Project No.: 10545446

Sample: SVE EFF-20210115 Lab ID: 10545446001 Collected: 01/15/21 16:45 Received: 01/19/21 14:55 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
	Pace Analytical Services - Minneapolis								
Carbon tetrachloride	<0.48	ug/m3	1.8	0.48	1.39		01/21/21 20:14	56-23-5	
Chloroform	0.64J	ug/m3	0.69	0.21	1.39		01/21/21 20:14	67-66-3	
1,1-Dichloroethane	<0.24	ug/m3	1.1	0.24	1.39		01/21/21 20:14	75-34-3	
1,2-Dichloroethane	<0.27	ug/m3	0.57	0.27	1.39		01/21/21 20:14	107-06-2	
1,1-Dichloroethene	<0.26	ug/m3	1.1	0.26	1.39		01/21/21 20:14	75-35-4	
cis-1,2-Dichloroethene	126	ug/m3	1.1	0.21	1.39		01/21/21 20:14	156-59-2	
trans-1,2-Dichloroethene	2.6	ug/m3	1.1	0.20	1.39		01/21/21 20:14	156-60-5	
Methylene Chloride	<2.2	ug/m3	4.9	2.2	1.39		01/21/21 20:14	75-09-2	
Tetrachloroethene	4.7	ug/m3	0.96	0.46	1.39		01/21/21 20:14	127-18-4	
1,1,1-Trichloroethane	<0.23	ug/m3	1.5	0.23	1.39		01/21/21 20:14	71-55-6	
1,1,2-Trichloroethane	<0.23	ug/m3	0.77	0.23	1.39		01/21/21 20:14	79-00-5	
Trichloroethene	808	ug/m3	22.8	7.0	41.7		01/22/21 17:06	79-01-6	
Vinyl chloride	<0.079	ug/m3	0.36	0.079	1.39		01/21/21 20:14	75-01-4	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 0441161.02 910 Mayer

Pace Project No.: 10545446

QC Batch: 721581

Analysis Method: TO-15

QC Batch Method: TO-15

Analysis Description: TO15 MSV AIR Low Level

Laboratory:

Pace Analytical Services - Minneapolis

Associated Lab Samples: 10545446001

METHOD BLANK: 3848376

Matrix: Air

Associated Lab Samples: 10545446001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/m3	<0.17	1.1	01/21/21 09:06	
1,1,2-Trichloroethane	ug/m3	<0.17	0.56	01/21/21 09:06	
1,1-Dichloroethane	ug/m3	<0.17	0.82	01/21/21 09:06	
1,1-Dichloroethene	ug/m3	<0.18	0.81	01/21/21 09:06	
1,2-Dichloroethane	ug/m3	<0.19	0.41	01/21/21 09:06	
Carbon tetrachloride	ug/m3	<0.34	1.3	01/21/21 09:06	
Chloroform	ug/m3	<0.15	0.50	01/21/21 09:06	
cis-1,2-Dichloroethene	ug/m3	<0.15	0.81	01/21/21 09:06	
Methylene Chloride	ug/m3	<1.6	3.5	01/21/21 09:06	
Tetrachloroethene	ug/m3	<0.33	0.69	01/21/21 09:06	
trans-1,2-Dichloroethene	ug/m3	<0.14	0.81	01/21/21 09:06	
Trichloroethene	ug/m3	<0.17	0.55	01/21/21 09:06	
Vinyl chloride	ug/m3	<0.057	0.26	01/21/21 09:06	

LABORATORY CONTROL SAMPLE: 3848377

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/m3	57	62.8	110	70-130	
1,1,2-Trichloroethane	ug/m3	57.3	65.2	114	70-130	
1,1-Dichloroethane	ug/m3	42.7	48.0	112	70-130	
1,1-Dichloroethene	ug/m3	41.4	44.3	107	70-130	
1,2-Dichloroethane	ug/m3	42.4	46.1	109	70-130	
Carbon tetrachloride	ug/m3	66.2	81.3	123	70-134	
Chloroform	ug/m3	51.1	56.0	110	70-130	
cis-1,2-Dichloroethene	ug/m3	41.6	47.0	113	70-130	
Methylene Chloride	ug/m3	182	195	107	70-130	
Tetrachloroethene	ug/m3	71	79.0	111	68-130	
trans-1,2-Dichloroethene	ug/m3	42.2	46.2	109	70-130	
Trichloroethene	ug/m3	56.3	63.4	113	70-130	
Vinyl chloride	ug/m3	26.7	29.3	110	70-130	

SAMPLE DUPLICATE: 3849286

Parameter	Units	10545446001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	<0.23	<0.23		25	
1,1,2-Trichloroethane	ug/m3	<0.23	<0.23		25	
1,1-Dichloroethane	ug/m3	<0.24	<0.24		25	

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QUALITY CONTROL DATA

Project: 0441161.02 910 Mayer

Pace Project No.: 10545446

SAMPLE DUPLICATE: 3849286

Parameter	Units	10545446001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1-Dichloroethene	ug/m3	<0.26	<0.26		25	
1,2-Dichloroethane	ug/m3	<0.27	<0.27		25	
Carbon tetrachloride	ug/m3	<0.48	<0.48		25	
Chloroform	ug/m3	0.64J	0.66J		25	
cis-1,2-Dichloroethene	ug/m3	126	127	1	25	
Methylene Chloride	ug/m3	<2.2	<2.2		25	
Tetrachloroethene	ug/m3	4.7	4.8	4	25	
trans-1,2-Dichloroethene	ug/m3	2.6	2.5	4	25	
Trichloroethene	ug/m3	808	782	3	25	
Vinyl chloride	ug/m3	<0.079	<0.079		25	

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 0441161.02 910 Mayer
Pace Project No.: 10545446

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor, percent moisture, initial weight and final volume.

LOQ - Limit of Quantitation adjusted for dilution factor, percent moisture, initial weight and final volume.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 0441161.02 910 Mayer
Pace Project No.: 10545446

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10545446001	SVE EFF-20210115	TO-15	721581		

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AIR: CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

42680

Page: 1 of 1

Comments:

W0# : 10545446



Page 11 of 12

February 18, 2021

Andrew Corcoran
ERM
700 West Virginia St.
Suite 101
Milwaukee, WI 53204

RE: Project: 0441161.03 910 Mayer
Pace Project No.: 10547507

Dear Andrew Corcoran:

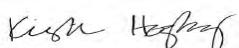
Enclosed are the analytical results for sample(s) received by the laboratory on February 10, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Minneapolis

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Kirsten Hogberg
kirsten.hogberg@pacelabs.com
(612)607-1700
Project Manager

Enclosures

cc: Brian Beach, ERM
David De Courcy-Bower, ERM
Ryan Plath, ERM



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 0441161.03 910 Mayer

Pace Project No.: 10547507

Pace Analytical Services, LLC - Minneapolis MN

1700 Elm Street SE, Minneapolis, MN 55414	Missouri Certification #: 10100
1800 Elm Street SE, Minneapolis, MN 55414--Satellite Air Lab	Montana Certification #: CERT0092
A2LA Certification #: 2926.01*	Nebraska Certification #: NE-OS-18-06
Alabama Certification #: 40770	Nevada Certification #: MN00064
Alaska Contaminated Sites Certification #: 17-009*	New Hampshire Certification #: 2081*
Alaska DW Certification #: MN00064	New Jersey Certification #: MN002
Arizona Certification #: AZ0014*	New York Certification #: 11647*
Arkansas DW Certification #: MN00064	North Carolina DW Certification #: 27700
Arkansas WW Certification #: 88-0680	North Carolina WW Certification #: 530
California Certification #: 2929	North Dakota Certification #: R-036
Colorado Certification #: MN00064	Ohio DW Certification #: 41244
Connecticut Certification #: PH-0256	Ohio VAP Certification (1700) #: CL101
EPA Region 8 Tribal Water Systems+Wyoming DW Certification #: via MN 027-053-137	Ohio VAP Certification (1800) #: CL110*
Florida Certification #: E87605*	Oklahoma Certification #: 9507*
Georgia Certification #: 959	Oregon Primary Certification #: MN300001
Hawaii Certification #: MN00064	Oregon Secondary Certification #: MN200001*
Idaho Certification #: MN00064	Pennsylvania Certification #: 68-00563*
Illinois Certification #: 200011	Puerto Rico Certification #: MN00064
Indiana Certification #: C-MN-01	South Carolina Certification #: 74003001
Iowa Certification #: 368	Tennessee Certification #: TN02818
Kansas Certification #: E-10167	Texas Certification #: T104704192*
Kentucky DW Certification #: 90062	Utah Certification #: MN00064*
Kentucky WW Certification #: 90062	Vermont Certification #: VT-027053137
Louisiana DEQ Certification #: AI-03086*	Virginia Certification #: 460163*
Louisiana DW Certification #: MN00064	Washington Certification #: C486*
Maine Certification #: MN00064*	West Virginia DEP Certification #: 382
Maryland Certification #: 322	West Virginia DW Certification #: 9952 C
Michigan Certification #: 9909	Wisconsin Certification #: 999407970
Minnesota Certification #: 027-053-137*	Wyoming UST Certification #: via A2LA 2926.01
Minnesota Dept of Ag Certification #: via MN 027-053-137	USDA Permit #: P330-19-00208
Minnesota Petrofund Certification #: 1240*	*Please Note: Applicable air certifications are denoted with an asterisk (*).
Mississippi Certification #: MN00064	

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SAMPLE SUMMARY

Project: 0441161.03 910 Mayer
Pace Project No.: 10547507

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10547507001	SVE-EFF-20210208	Air	02/08/21 15:30	02/10/21 10:20

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 0441161.03 910 Mayer
Pace Project No.: 10547507

Lab ID	Sample ID	Method	Analysts	Analytics Reported	Laboratory
10547507001	SVE-EFF-20210208	TO-15	AFV	13	PASI-M

PASI-M = Pace Analytical Services - Minneapolis

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: 0441161.03 910 Mayer

Pace Project No.: 10547507

Lab Sample ID	Client Sample ID	Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
10547507001		SVE-EFF-20210208					
TO-15		cis-1,2-Dichloroethene	80.5	ug/m3	15.5	02/17/21 17:57	
TO-15		Trichloroethene	437	ug/m3	10.5	02/17/21 17:57	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 0441161.03 910 Mayer

Pace Project No.: 10547507

Sample: SVE-EFF-20210208 Lab ID: 10547507001 Collected: 02/08/21 15:30 Received: 02/10/21 10:20 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15 Pace Analytical Services - Minneapolis								
Carbon tetrachloride	<4.1	ug/m3	24.6	4.1	19.2		02/17/21 17:57	56-23-5	
Chloroform	<2.8	ug/m3	9.5	2.8	19.2		02/17/21 17:57	67-66-3	
1,1-Dichloroethane	<2.4	ug/m3	15.8	2.4	19.2		02/17/21 17:57	75-34-3	
1,2-Dichloroethane	<2.5	ug/m3	7.9	2.5	19.2		02/17/21 17:57	107-06-2	
1,1-Dichloroethene	<2.4	ug/m3	15.5	2.4	19.2		02/17/21 17:57	75-35-4	
cis-1,2-Dichloroethene	80.5	ug/m3	15.5	2.7	19.2		02/17/21 17:57	156-59-2	
trans-1,2-Dichloroethene	<3.2	ug/m3	15.5	3.2	19.2		02/17/21 17:57	156-60-5	
Methylene Chloride	<23.0	ug/m3	67.8	23.0	19.2		02/17/21 17:57	75-09-2	
Tetrachloroethene	<4.8	ug/m3	13.2	4.8	19.2		02/17/21 17:57	127-18-4	
1,1,1-Trichloroethane	<3.6	ug/m3	21.3	3.6	19.2		02/17/21 17:57	71-55-6	
1,1,2-Trichloroethane	<3.3	ug/m3	10.7	3.3	19.2		02/17/21 17:57	79-00-5	
Trichloroethene	437	ug/m3	10.5	4.0	19.2		02/17/21 17:57	79-01-6	
Vinyl chloride	<1.6	ug/m3	5.0	1.6	19.2		02/17/21 17:57	75-01-4	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 0441161.03 910 Mayer

Pace Project No.: 10547507

QC Batch: 725626

Analysis Method: TO-15

QC Batch Method: TO-15

Analysis Description: TO15 MSV AIR Low Level

Laboratory:

Pace Analytical Services - Minneapolis

Associated Lab Samples: 10547507001

METHOD BLANK: 3867009

Matrix: Air

Associated Lab Samples: 10547507001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/m3	<0.094	0.56	02/17/21 10:02	
1,1,2-Trichloroethane	ug/m3	<0.087	0.28	02/17/21 10:02	
1,1-Dichloroethane	ug/m3	<0.064	0.41	02/17/21 10:02	
1,1-Dichloroethene	ug/m3	<0.064	0.40	02/17/21 10:02	
1,2-Dichloroethane	ug/m3	<0.066	0.21	02/17/21 10:02	
Carbon tetrachloride	ug/m3	<0.11	0.64	02/17/21 10:02	
Chloroform	ug/m3	<0.074	0.25	02/17/21 10:02	
cis-1,2-Dichloroethene	ug/m3	<0.070	0.40	02/17/21 10:02	
Methylene Chloride	ug/m3	<0.60	1.8	02/17/21 10:02	
Tetrachloroethene	ug/m3	<0.12	0.34	02/17/21 10:02	
trans-1,2-Dichloroethene	ug/m3	<0.084	0.40	02/17/21 10:02	
Trichloroethene	ug/m3	<0.10	0.27	02/17/21 10:02	
Vinyl chloride	ug/m3	<0.042	0.13	02/17/21 10:02	

LABORATORY CONTROL SAMPLE: 3867010

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/m3	57	57.1	100	70-130	
1,1,2-Trichloroethane	ug/m3	57.3	57.4	100	70-134	
1,1-Dichloroethane	ug/m3	42.7	42.0	98	70-133	
1,1-Dichloroethene	ug/m3	41.4	40.6	98	70-130	
1,2-Dichloroethane	ug/m3	42.4	41.9	99	70-132	
Carbon tetrachloride	ug/m3	66.2	68.9	104	70-131	
Chloroform	ug/m3	51.1	49.7	97	70-130	
cis-1,2-Dichloroethene	ug/m3	41.6	35.8	86	70-137	
Methylene Chloride	ug/m3	182	179	98	70-130	
Tetrachloroethene	ug/m3	71	69.8	98	70-130	
trans-1,2-Dichloroethene	ug/m3	42.2	43.1	102	70-130	
Trichloroethene	ug/m3	56.3	55.1	98	70-130	
Vinyl chloride	ug/m3	26.7	24.5	92	70-137	

SAMPLE DUPLICATE: 3867607

Parameter	Units	10547240007 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	<1.5	<0.25		25	
1,1,2-Trichloroethane	ug/m3	<0.74	<0.23		25	
1,1-Dichloroethane	ug/m3	<1.1	<0.17		25	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 0441161.03 910 Mayer

Pace Project No.: 10547507

SAMPLE DUPLICATE: 3867607

Parameter	Units	10547240007 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1-Dichloroethene	ug/m ³	<1.1	<0.17		25	
1,2-Dichloroethane	ug/m ³	<0.55	<0.18		25	
Carbon tetrachloride	ug/m ³	<1.7	0.37J		25	
Chloroform	ug/m ³	<0.66	<0.20		25	
cis-1,2-Dichloroethene	ug/m ³	<1.1	<0.19		25	
Methylene Chloride	ug/m ³	<4.7	<1.6		25	
Tetrachloroethene	ug/m ³	<0.92	<0.34		25	
trans-1,2-Dichloroethene	ug/m ³	<1.1	0.38J		25	
Trichloroethene	ug/m ³	<0.73	<0.28		25	
Vinyl chloride	ug/m ³	<0.35	<0.11		25	

SAMPLE DUPLICATE: 3867608

Parameter	Units	10547457001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m ³	ND	<0.28		25	
1,1,2-Trichloroethane	ug/m ³	ND	<0.26		25	
1,1-Dichloroethane	ug/m ³	ND	<0.19		25	
1,1-Dichloroethene	ug/m ³	ND	<0.19		25	
1,2-Dichloroethane	ug/m ³	ND	<0.20		25	
Carbon tetrachloride	ug/m ³	ND	<0.32		25	
Chloroform	ug/m ³	1.8	1.9	2	25	
cis-1,2-Dichloroethene	ug/m ³	ND	<0.21		25	
Methylene Chloride	ug/m ³	ND	<1.8		25	
Tetrachloroethene	ug/m ³	ND	<0.37		25	
trans-1,2-Dichloroethene	ug/m ³	ND	<0.25		25	
Trichloroethene	ug/m ³	ND	<0.31		25	
Vinyl chloride	ug/m ³	ND	<0.13		25	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALIFIERS

Project: 0441161.03 910 Mayer

Pace Project No.: 10547507

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor, percent moisture, initial weight and final volume.

LOQ - Limit of Quantitation adjusted for dilution factor, percent moisture, initial weight and final volume.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 0441161.03 910 Mayer
Pace Project No.: 10547507

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10547507001	SVE-EFF-20210208	TO-15	725626		

REPORT OF LABORATORY ANALYSIS

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AIR: CHAIN-OF-CUSTODY / Analytical Request Document

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43892

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company: Efm Address: 700 N Virginia St. 60 Milwaukee, WI 53241 Email To: Dawn DeGraff Bowes Phone: 414-961-03 Fax: Purchase Order No.: 041116103 Project Name: 910 Major Project Number: 041116103 Pace Project Manager/Sales Rep.: Kirsten Hargberg Pace Profile #: 41479		Report To: Egon Plast Copy To: Andrew Corcoran 100 N Virginia St. 60 Milwaukee, WI 53241 Purchase Order No.: 041116103 Project Name: 910 Major Project Number: 041116103 Pace Project Manager/Sales Rep.: Kirsten Hargberg Pace Profile #: 41479		Attention: Egon Plast Company Name: Egon Address: Egon-Plast@efm.com Pace Quote Reference: Egon-AccountsPayable@efm.com Pace Project Manager/Sales Rep.: Kirsten Hargberg Pace Profile #: 41479	
'Section D Required Client Information AIR SAMPLE ID Sample IDs MUST BE UNIQUE		COLLECTED		PD Reading (Current only) Canister Pressure (Initial Field - in Hg) Canister Pressure (Final Field - in Hg) Canister Pressure (Final Field - in Hg)	
				DATE TIME DATE TIME COMPOSITE START COMPOSITE END/GRAB	
				MEDIA CODE Valid Media Codes MEDIA CODE Tether Bag TB 1 Liter Summa Can TLC 6 Liter Summa Can L6C Low Volume Puff LVP High Volume Puff HVP Other PM10	
				ITEM # 1 6LC 2/8/21 1459 2/8/21 1530 -26 -4 0031 2121 2 3 4 5 6 7 8 9 10 11	
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				ITEM # 1 6LC 2/8/21 1459 2/8/21 1530 -26 -4 0031 2121 2 3 4 5 6 7 8 9 10 11	
				ITEM # 1 6LC 2/8/21 1459 2/8/21 1530 -26 -4 0031 2121 2 3 4 5 6 7 8 9 10 11	
				ITEM # 1 6LC 2/8/21 1459 2/8/21 1530 -26 -4 0031 2121 2 3 4 5 6 7 8 9 10 11	
				ITEM # 1 6LC 2/8/21 1459 2/8/21 1530 -26 -4 0031 2121 2 3 4 5 6 7 8 9 10 11	
				ITEM # 1 6LC 2/8/21 1459 2/8/21 1530 -26 -4 	

WO# : 10547507



Comments: Does this specimen contain have a 30-minute flow control attached? Please hand sample and contain trefoil with EPm before analysis.



Document Name:
Sample Condition Upon Receipt (SCUR) - Air

Document Revised: 24Mar2020

Page 1 of 1

Document No.:
ENV-FRM-MIN4-0113 Rev.00

Pace Analytical Services -
MinneapolisAir Sample Condition
Upon ReceiptClient Name:
ERM

Project #:

WO# : 10547507

Courier: Fed Ex UPS USPS Client
 Pace SpeeDee Commercial See Exception

Tracking Number: **1723 2549 3220**

PM: KNH

Due Date: 02/17/21

CLIENT: ERM-WI

Custody Seal on Cooler/Box Present? Yes No Seals Intact? Yes NoPacking Material: Bubble Wrap Bubble Bags Foam None Tin Can Other: _____ Temp Blank rec: Yes NoTemp. (TO17 and TO13 samples only) (°C): **X** Corrected Temp (°C): **X**

Thermometer Used:

 G87A9170600254
 G87A9155100842Temp should be above freezing to 6°C Correction Factor: **X**Date & Initials of Person Examining Contents: **Z. D. ZI CMY**Type of ice Received Blue Wet None

Comments:

Chain of Custody Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	1.
Chain of Custody Filled Out?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	2.
Chain of Custody Relinquished?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	3.
Sampler Name and/or Signature on COC?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
Short Hold Time Analysis (<72 hr)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	8.
Correct Containers Used? (Tedlar bags not acceptable container for TO-14, TO-15 or APH) -Pace Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
Containers Intact? (visual inspection/no leaks when pressurized)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Media: Air Can Airbag Filter TDT	Passive	11. Individually Certified Cans Y <input type="checkbox"/> N (list which samples)
Is sufficient information available to reconcile samples to the COC?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	12.
Do cans need to be pressurized? (DO NOT PRESSURIZE 3C or ASTM 1946!!!)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	13.

Gauge # 10AIR26 10AIR34 10AIR35 4097

Canisters					Canisters				
Sample Number	Can ID	Flow Controller	Initial Pressure	Final Pressure	Sample Number	Can ID	Flow Controller	Initial Pressure	Final Pressure
SVE-EFF	0031	2121	-1	+5					

CLIENT NOTIFICATION/RESOLUTION

Field Data Required? Yes No

Person Contacted: _____ Date/Time: _____

Comments/Resolution: _____

Project Manager Review:

Kirsten Hopping

Date: 2/11/2021

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office 11 of 12

April 05, 2021

Andrew Corcoran
ERM
700 West Virginia St.
Suite 101
Milwaukee, WI 53204

RE: Project: 0441161.03 910 Mayer
Pace Project No.: 10551965

Dear Andrew Corcoran:

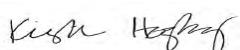
Enclosed are the analytical results for sample(s) received by the laboratory on March 23, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Minneapolis

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Kirsten Hogberg
kirsten.hogberg@pacelabs.com
(612)607-1700
Project Manager

Enclosures

cc: David De Courcy-Bower, ERM
Andrew DeWitt, ERM



REPORT OF LABORATORY ANALYSIS

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without the written consent of Pace Analytical Services, LLC.

CERTIFICATIONS

Project: 0441161.03 910 Mayer
 Pace Project No.: 10551965

Pace Analytical Services, LLC - Minneapolis MN

1700 Elm Street SE, Minneapolis, MN 55414
 1800 Elm Street SE, Minneapolis, MN 55414--Satellite Air Lab
 A2LA Certification #: 2926.01*
 Alabama Certification #: 40770
 Alaska Contaminated Sites Certification #: 17-009*
 Alaska DW Certification #: MN00064
 Arizona Certification #: AZ0014*
 Arkansas DW Certification #: MN00064
 Arkansas WW Certification #: 88-0680
 California Certification #: 2929
 Colorado Certification #: MN00064
 Connecticut Certification #: PH-0256
 EPA Region 8 Tribal Water Systems+Wyoming DW Certification #: via MN 027-053-137
 Florida Certification #: E87605*
 Georgia Certification #: 959
 Hawaii Certification #: MN00064
 Idaho Certification #: MN00064
 Illinois Certification #: 200011
 Indiana Certification #: C-MN-01
 Iowa Certification #: 368
 Kansas Certification #: E-10167
 Kentucky DW Certification #: 90062
 Kentucky WW Certification #: 90062
 Louisiana DEQ Certification #: AI-03086*
 Louisiana DW Certification #: MN00064
 Maine Certification #: MN00064*
 Maryland Certification #: 322
 Michigan Certification #: 9909
 Minnesota Certification #: 027-053-137*
 Minnesota Dept of Ag Approval: via MN 027-053-137
 Minnesota Petrofund Registration #: 1240*
 Mississippi Certification #: MN00064

Missouri Certification #: 10100
 Montana Certification #: CERT0092
 Nebraska Certification #: NE-OS-18-06
 Nevada Certification #: MN00064
 New Hampshire Certification #: 2081*
 New Jersey Certification #: MN002
 New York Certification #: 11647*
 North Carolina DW Certification #: 27700
 North Carolina WW Certification #: 530
 North Dakota Certification #: R-036
 Ohio DW Certification #: 41244
 Ohio VAP Certification (1700) #: CL101
 Ohio VAP Certification (1800) #: CL110*
 Oklahoma Certification #: 9507*
 Oregon Primary Certification #: MN300001
 Oregon Secondary Certification #: MN200001*
 Pennsylvania Certification #: 68-00563*
 Puerto Rico Certification #: MN00064
 South Carolina Certification #: 74003001
 Tennessee Certification #: TN02818
 Texas Certification #: T104704192*
 Utah Certification #: MN00064*
 Vermont Certification #: VT-027053137
 Virginia Certification #: 460163*
 Washington Certification #: C486*
 West Virginia DEP Certification #: 382
 West Virginia DW Certification #: 9952 C
 Wisconsin Certification #: 999407970
 Wyoming UST Certification #: via A2LA 2926.01
 USDA Permit #: P330-19-00208
 Please Note: Applicable air certifications are denoted with an asterisk ().

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 0441161.03 910 Mayer
Pace Project No.: 10551965

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10551965001	SVE-EFF	Air	03/19/21 16:21	03/23/21 10:00

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 0441161.03 910 Mayer
Pace Project No.: 10551965

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
10551965001	SVE-EFF	TO-15	MJL	13	PASI-M

PASI-M = Pace Analytical Services - Minneapolis

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: 0441161.03 910 Mayer
Pace Project No.: 10551965

Lab Sample ID	Client Sample ID	Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
10551965001	SVE-EFF						
TO-15	cis-1,2-Dichloroethene		86.4	ug/m3	1.3	04/02/21 23:50	
TO-15	trans-1,2-Dichloroethene		1.7	ug/m3	1.3	04/02/21 23:50	
TO-15	Tetrachloroethene		3.0	ug/m3	1.1	04/02/21 23:50	
TO-15	Trichloroethene		497	ug/m3	17.9	04/03/21 12:38	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 0441161.03 910 Mayer

Pace Project No.: 10551965

Sample: SVE-EFF Lab ID: 10551965001 Collected: 03/19/21 16:21 Received: 03/23/21 10:00 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15 Pace Analytical Services - Minneapolis								
Carbon tetrachloride	<0.35	ug/m3	2.1	0.35	1.64			04/02/21 23:50	56-23-5
Chloroform	<0.24	ug/m3	0.81	0.24	1.64			04/02/21 23:50	67-66-3
1,1-Dichloroethane	<0.21	ug/m3	1.3	0.21	1.64			04/02/21 23:50	75-34-3
1,2-Dichloroethane	<0.21	ug/m3	0.67	0.21	1.64			04/02/21 23:50	107-06-2
1,1-Dichloroethene	<0.21	ug/m3	1.3	0.21	1.64			04/02/21 23:50	75-35-4
cis-1,2-Dichloroethene	86.4	ug/m3	1.3	0.23	1.64			04/02/21 23:50	156-59-2
trans-1,2-Dichloroethene	1.7	ug/m3	1.3	0.27	1.64			04/02/21 23:50	156-60-5
Methylene Chloride	<2.0	ug/m3	5.8	2.0	1.64			04/02/21 23:50	75-09-2
Tetrachloroethene	3.0	ug/m3	1.1	0.41	1.64			04/02/21 23:50	127-18-4
1,1,1-Trichloroethane	<0.31	ug/m3	1.8	0.31	1.64			04/02/21 23:50	71-55-6
1,1,2-Trichloroethane	<0.29	ug/m3	0.91	0.29	1.64			04/02/21 23:50	79-00-5
Trichloroethene	497	ug/m3	17.9	6.9	32.8			04/03/21 12:38	79-01-6
Vinyl chloride	<0.14	ug/m3	0.43	0.14	1.64			04/02/21 23:50	75-01-4

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 0441161.03 910 Mayer

Pace Project No.: 10551965

QC Batch: 732574

Analysis Method: TO-15

QC Batch Method: TO-15

Analysis Description: TO15 MSV AIR Low Level

Laboratory:

Pace Analytical Services - Minneapolis

Associated Lab Samples: 10551965001

METHOD BLANK: 3904959

Matrix: Air

Associated Lab Samples: 10551965001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/m3	<0.094	0.56	04/02/21 09:25	
1,1,2-Trichloroethane	ug/m3	<0.087	0.28	04/02/21 09:25	
1,1-Dichloroethane	ug/m3	<0.064	0.41	04/02/21 09:25	
1,1-Dichloroethene	ug/m3	<0.064	0.40	04/02/21 09:25	
1,2-Dichloroethane	ug/m3	<0.066	0.21	04/02/21 09:25	
Carbon tetrachloride	ug/m3	<0.11	0.64	04/02/21 09:25	
Chloroform	ug/m3	<0.074	0.25	04/02/21 09:25	
cis-1,2-Dichloroethene	ug/m3	<0.070	0.40	04/02/21 09:25	
Methylene Chloride	ug/m3	<0.60	1.8	04/02/21 09:25	
Tetrachloroethene	ug/m3	<0.12	0.34	04/02/21 09:25	
trans-1,2-Dichloroethene	ug/m3	<0.084	0.40	04/02/21 09:25	
Trichloroethene	ug/m3	<0.10	0.27	04/02/21 09:25	
Vinyl chloride	ug/m3	<0.042	0.13	04/02/21 09:25	

LABORATORY CONTROL SAMPLE: 3904960

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/m3	59.3	60.5	102	70-130	
1,1,2-Trichloroethane	ug/m3	59.6	63.8	107	70-134	
1,1-Dichloroethane	ug/m3	43.9	49.1	112	70-133	
1,1-Dichloroethene	ug/m3	43.5	45.5	105	70-130	
1,2-Dichloroethane	ug/m3	44.4	47.6	107	70-132	
Carbon tetrachloride	ug/m3	69.4	72.0	104	70-131	
Chloroform	ug/m3	52.4	53.9	103	70-130	
cis-1,2-Dichloroethene	ug/m3	43.4	51.4	118	70-137	
Methylene Chloride	ug/m3	190	198	104	70-130	
Tetrachloroethene	ug/m3	73.4	77.7	106	70-130	
trans-1,2-Dichloroethene	ug/m3	43.6	51.0	117	70-130	
Trichloroethene	ug/m3	58.4	63.3	108	70-130	
Vinyl chloride	ug/m3	28	31.2	111	70-137	

SAMPLE DUPLICATE: 3906949

Parameter	Units	10551973002 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	<0.25	<0.25		25	
1,1,2-Trichloroethane	ug/m3	<0.23	<0.23		25	
1,1-Dichloroethane	ug/m3	<0.17	<0.17		25	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 0441161.03 910 Mayer

Pace Project No.: 10551965

SAMPLE DUPLICATE: 3906949

Parameter	Units	10551973002 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1-Dichloroethene	ug/m ³	<0.17	<0.17		25	
1,2-Dichloroethane	ug/m ³	<0.18	<0.18		25	
Carbon tetrachloride	ug/m ³	<0.29	<0.29		25	
Chloroform	ug/m ³	0.83	0.87	4	25	
cis-1,2-Dichloroethene	ug/m ³	<0.19	<0.19		25	
Methylene Chloride	ug/m ³	<1.6	<1.6		25	
Tetrachloroethene	ug/m ³	<0.34	<0.34		25	
trans-1,2-Dichloroethene	ug/m ³	<0.22	<0.22		25	
Trichloroethene	ug/m ³	<0.28	<0.28		25	
Vinyl chloride	ug/m ³	<0.11	<0.11		25	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 0441161.03 910 Mayer
Pace Project No.: 10551965

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor, percent moisture, initial weight and final volume.

LOQ - Limit of Quantitation adjusted for dilution factor, percent moisture, initial weight and final volume.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 0441161.03 910 Mayer
Pace Project No.: 10551965

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10551965001	SVE-EFF	TO-15	732574		

REPORT OF LABORATORY ANALYSIS

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www.pacelabs.com

AIR: CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:		Section D Report To:		Program	
Company: ERN		Copy To: Andrew Corcoran David de Lancy Bouvier Purchase Order No.: 0441161 Project Name: 910 Maier Project Number: 0441161.03 Requested Due Date/TAT:		Attention: Andrew Dewitt Company Name: ERN Address: 335Z 128th Ave, Holland, MI Email To: Andrew.Corcoran@ern.com Phone: Fax: Phone: 404 1161 Fax: 404 1161 Requested Due Date/TAT:		Pace Quote Reference: Pace Project Manager/Sales Rep. Pace Profile #: 414129 COLLECTED		<input type="checkbox"/> UST <input type="checkbox"/> Superfund <input type="checkbox"/> Emissions <input type="checkbox"/> Clean Air Act <input type="checkbox"/> Voluntary Clean Up <input type="checkbox"/> Dry Clean <input type="checkbox"/> RCRRA <input type="checkbox"/> Other <input checked="" type="checkbox"/> Reporting Units Location of Sampling by State WI Report Level II. III. IV. Other	
Temp in °C		Sealed Container		Samples intact		Received on			
Y/N		Y/N		Y/N		Y/N		Y/N	
PRINT Name of SAMPLER:		SIGNATURE of SAMPLER:		PRINT Name of SAMPLER:		SIGNATURE of SAMPLER:		DATE Signed (MM / DD / YY)	
Comments :		RELINQUISHED BY / AFFILIATION		TIME		ACCEPTED BY / AFFILIATION		DATE	
Andrew Corcoran 3/19/21		17:00		Matt J. Ha		3/23/21		10:00	
WO# : 10551965 									

	Document Name:	Document Revised: 24Mar2020
	Sample Condition Upon Receipt (SCUR) - Air	Page 1 of 1
	Document No.: ENV-FRM-MIN4-0113 Rev.00	Pace Analytical Services - Minneapolis

Air Sample Condition Upon Receipt	Client Name: <u>ERM-WI</u>	Project #: <u>WO# : 10551965</u>	
Courier:	<input checked="" type="checkbox"/> Fed Ex <input type="checkbox"/> UPS <input type="checkbox"/> USPS <input type="checkbox"/> Client <input type="checkbox"/> Pace <input type="checkbox"/> SpeeDee <input type="checkbox"/> Commercial See Exception	PM: KNH Due Date: 03/30/21 CLIENT: ERM-WI	
Tracking Number:	<u>172325504242</u>		
Custody Seal on Cooler/Box Present?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Seals Intact? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Packing Material:	<input type="checkbox"/> Bubble Wrap <input type="checkbox"/> Bubble Bags <input checked="" type="checkbox"/> Foam <input type="checkbox"/> None <input type="checkbox"/> Tin Can <input type="checkbox"/> Other: _____	Temp Blank rec: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Temp. (TO17 and TO13 samples only) (°C):	<u> </u>	Corrected Temp (°C): <u> </u>	Thermometer Used: <input type="checkbox"/> G87A9170600254 <input type="checkbox"/> G87A9155100842
Temp should be above freezing to 6°C Correction Factor:	<u> </u>	Date & Initials of Person Examining Contents: <u>3-23-21 MLZ</u>	
Type of ice Received	<input type="checkbox"/> Blue <input type="checkbox"/> Wet <input checked="" type="checkbox"/> None	Comments: _____	

Chain of Custody Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	1.
Chain of Custody Filled Out?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	2.
Chain of Custody Relinquished?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	3.
Sampler Name and/or Signature on COC?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
Short Hold Time Analysis (<72 hr)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	8.
Correct Containers Used? (Tedlar bags not acceptable container for TO-14, TO-15 or APH)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
-Pace Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Containers Intact? (visual inspection/no leaks when pressurized)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Media: <input checked="" type="checkbox"/> Air Can <input type="checkbox"/> Airbag <input type="checkbox"/> Filter <input type="checkbox"/> TDT <input type="checkbox"/> Passive	11. Individually Certified Cans Y <input checked="" type="checkbox"/> N <input type="checkbox"/> (list which samples)	
Is sufficient information available to reconcile samples to the COC?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	12.
Do cans need to be pressurized? (DO NOT PRESSURIZE 3C or ASTM 1946!!!)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	13.

Gauge #	<input type="checkbox"/> 10AIR26 <input checked="" type="checkbox"/> 10AIR34 <input type="checkbox"/> 10AIR35 <input type="checkbox"/> 4097								
Canisters					Canisters				
Sample Number	Can ID	Flow Controller	Initial Pressure	Final Pressure	Sample Number	Can ID	Flow Controller	Initial Pressure	Final Pressure
<u>SVE-EFF</u>	<u>1521</u>	<u>-</u>	<u>-5.5</u>	<u>+5</u>					

CLIENT NOTIFICATION/RESOLUTION

Field Data Required? Yes No

Person Contacted: _____ Date/Time: _____
Comments/Resolution: _____

Project Manager Review: Kirsten Hoffer

Date: 3/24/2021

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers)

June 29, 2021

Andrew Corcoran
ERM
700 West Virginia St.
Suite 101
Milwaukee, WI 53204

RE: Project: 0441161.03 910 Mayer
Pace Project No.: 10566840

Dear Andrew Corcoran:

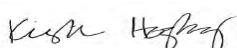
Enclosed are the analytical results for sample(s) received by the laboratory on June 23, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Minneapolis

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Kirsten Hogberg
kirsten.hogberg@pacelabs.com
(612)607-1700
Project Manager

Enclosures

cc: David De Courcy-Bower, ERM
Andrew DeWitt, ERM



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 0441161.03 910 Mayer
 Pace Project No.: 10566840

Pace Analytical Services, LLC - Minneapolis MN

1700 Elm Street SE, Minneapolis, MN 55414
 1800 Elm Street SE, Minneapolis, MN 55414--Satellite Air Lab
 A2LA Certification #: 2926.01*
 Alabama Certification #: 40770
 Alaska Contaminated Sites Certification #: 17-009*
 Alaska DW Certification #: MN00064
 Arizona Certification #: AZ0014*
 Arkansas DW Certification #: MN00064
 Arkansas WW Certification #: 88-0680
 California Certification #: 2929
 Colorado Certification #: MN00064
 Connecticut Certification #: PH-0256
 EPA Region 8 Tribal Water Systems+Wyoming DW Certification #: via MN 027-053-137
 Florida Certification #: E87605*
 Georgia Certification #: 959
 Hawaii Certification #: MN00064
 Idaho Certification #: MN00064
 Illinois Certification #: 200011
 Indiana Certification #: C-MN-01
 Iowa Certification #: 368
 Kansas Certification #: E-10167
 Kentucky DW Certification #: 90062
 Kentucky WW Certification #: 90062
 Louisiana DEQ Certification #: AI-03086*
 Louisiana DW Certification #: MN00064
 Maine Certification #: MN00064*
 Maryland Certification #: 322
 Michigan Certification #: 9909
 Minnesota Certification #: 027-053-137*
 Minnesota Dept of Ag Approval: via MN 027-053-137
 Minnesota Petrofund Registration #: 1240*
 Mississippi Certification #: MN00064

Missouri Certification #: 10100
 Montana Certification #: CERT0092
 Nebraska Certification #: NE-OS-18-06
 Nevada Certification #: MN00064
 New Hampshire Certification #: 2081*
 New Jersey Certification #: MN002
 New York Certification #: 11647*
 North Carolina DW Certification #: 27700
 North Carolina WW Certification #: 530
 North Dakota Certification #: R-036
 Ohio DW Certification #: 41244
 Ohio VAP Certification (1700) #: CL101
 Ohio VAP Certification (1800) #: CL110*
 Oklahoma Certification #: 9507*
 Oregon Primary Certification #: MN300001
 Oregon Secondary Certification #: MN200001*
 Pennsylvania Certification #: 68-00563*
 Puerto Rico Certification #: MN00064
 South Carolina Certification #: 74003001
 Tennessee Certification #: TN02818
 Texas Certification #: T104704192*
 Utah Certification #: MN00064*
 Vermont Certification #: VT-027053137
 Virginia Certification #: 460163*
 Washington Certification #: C486*
 West Virginia DEP Certification #: 382
 West Virginia DW Certification #: 9952 C
 Wisconsin Certification #: 999407970
 Wyoming UST Certification #: via A2LA 2926.01
 USDA Permit #: P330-19-00208
 Please Note: Applicable air certifications are denoted with an asterisk ().

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 0441161.03 910 Mayer
Pace Project No.: 10566840

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10566840001	SVE-EFF-20210622	Air	06/22/21 10:59	06/23/21 09:40

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SAMPLE ANALYTE COUNT

Project: 0441161.03 910 Mayer
Pace Project No.: 10566840

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
10566840001	SVE-EFF-20210622	TO-15	AFV	13	PASI-M

PASI-M = Pace Analytical Services - Minneapolis

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: 0441161.03 910 Mayer
 Pace Project No.: 10566840

Lab Sample ID	Client Sample ID						
Method	Parameters	Result	Units	Report Limit	Analyzed	Qualifiers	
10566840001	SVE-EFF-20210622						
TO-15	Carbon tetrachloride	0.47J	ug/m3	1.7	06/24/21 16:44		
TO-15	Chloroform	0.88	ug/m3	0.66	06/24/21 16:44		
TO-15	cis-1,2-Dichloroethene	109	ug/m3	1.1	06/24/21 16:44		
TO-15	trans-1,2-Dichloroethene	2.5	ug/m3	1.1	06/24/21 16:44		
TO-15	Tetrachloroethene	5.4	ug/m3	0.92	06/24/21 16:44		
TO-15	Trichloroethene	495	ug/m3	14.6	06/25/21 11:47		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 0441161.03 910 Mayer

Pace Project No.: 10566840

Sample: SVE-EFF-20210622 Lab ID: 10566840001 Collected: 06/22/21 10:59 Received: 06/23/21 09:40 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR	Analytical Method: TO-15								
	Pace Analytical Services - Minneapolis								
Carbon tetrachloride	0.47J	ug/m3	1.7	0.38	1.34		06/24/21 16:44	56-23-5	
Chloroform	0.88	ug/m3	0.66	0.25	1.34		06/24/21 16:44	67-66-3	
1,1-Dichloroethane	<0.22	ug/m3	1.1	0.22	1.34		06/24/21 16:44	75-34-3	
1,2-Dichloroethane	<0.26	ug/m3	1.1	0.26	1.34		06/24/21 16:44	107-06-2	
1,1-Dichloroethene	<0.18	ug/m3	1.1	0.18	1.34		06/24/21 16:44	75-35-4	
cis-1,2-Dichloroethene	109	ug/m3	1.1	0.26	1.34		06/24/21 16:44	156-59-2	
trans-1,2-Dichloroethene	2.5	ug/m3	1.1	0.23	1.34		06/24/21 16:44	156-60-5	
Methylene Chloride	<0.79	ug/m3	4.7	0.79	1.34		06/24/21 16:44	75-09-2	
Tetrachloroethene	5.4	ug/m3	0.92	0.39	1.34		06/24/21 16:44	127-18-4	
1,1,1-Trichloroethane	<0.25	ug/m3	1.5	0.25	1.34		06/24/21 16:44	71-55-6	
1,1,2-Trichloroethane	<0.26	ug/m3	0.74	0.26	1.34		06/24/21 16:44	79-00-5	
Trichloroethene	495	ug/m3	14.6	5.3	26.8		06/25/21 11:47	79-01-6	
Vinyl chloride	<0.12	ug/m3	0.35	0.12	1.34		06/24/21 16:44	75-01-4	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 0441161.03 910 Mayer

Pace Project No.: 10566840

QC Batch: 751786

Analysis Method: TO-15

QC Batch Method: TO-15

Analysis Description: TO15 MSV AIR Low Level

Laboratory:

Pace Analytical Services - Minneapolis

Associated Lab Samples: 10566840001

METHOD BLANK: 4008879

Matrix: Air

Associated Lab Samples: 10566840001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1-Trichloroethane	ug/m3	<0.19	1.1	06/24/21 12:55	
1,1,2-Trichloroethane	ug/m3	<0.20	0.56	06/24/21 12:55	
1,1-Dichloroethane	ug/m3	<0.16	0.82	06/24/21 12:55	
1,1-Dichloroethene	ug/m3	<0.14	0.81	06/24/21 12:55	
1,2-Dichloroethane	ug/m3	<0.19	0.82	06/24/21 12:55	
Carbon tetrachloride	ug/m3	<0.28	1.3	06/24/21 12:55	
Chloroform	ug/m3	<0.18	0.50	06/24/21 12:55	
cis-1,2-Dichloroethene	ug/m3	<0.20	0.81	06/24/21 12:55	
Methylene Chloride	ug/m3	<0.59	3.5	06/24/21 12:55	
Tetrachloroethene	ug/m3	<0.29	0.69	06/24/21 12:55	
trans-1,2-Dichloroethene	ug/m3	<0.17	0.81	06/24/21 12:55	
Trichloroethene	ug/m3	<0.20	0.55	06/24/21 12:55	
Vinyl chloride	ug/m3	<0.087	0.26	06/24/21 12:55	

LABORATORY CONTROL SAMPLE: 4008880

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/m3	59.3	65.4	110	70-130	
1,1,2-Trichloroethane	ug/m3	59.6	67.9	114	70-134	
1,1-Dichloroethane	ug/m3	43.9	47.0	107	70-133	
1,1-Dichloroethene	ug/m3	43.5	46.2	106	70-130	
1,2-Dichloroethane	ug/m3	44.4	47.2	106	70-132	
Carbon tetrachloride	ug/m3	69.4	79.4	115	70-131	
Chloroform	ug/m3	52.4	56.9	108	70-130	
cis-1,2-Dichloroethene	ug/m3	43.4	49.2	113	70-137	
Methylene Chloride	ug/m3	190	201	105	70-130	
Tetrachloroethene	ug/m3	73.4	76.4	104	70-130	
trans-1,2-Dichloroethene	ug/m3	43.6	47.4	109	70-130	
Trichloroethene	ug/m3	58.4	61.0	104	70-130	
Vinyl chloride	ug/m3	28	31.1	111	70-137	

SAMPLE DUPLICATE: 4010555

Parameter	Units	10566840001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/m3	<0.25	<0.25		25	
1,1,2-Trichloroethane	ug/m3	<0.26	<0.26		25	
1,1-Dichloroethane	ug/m3	<0.22	<0.22		25	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 0441161.03 910 Mayer

Pace Project No.: 10566840

SAMPLE DUPLICATE: 4010555

Parameter	Units	10566840001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1-Dichloroethene	ug/m ³	<0.18	<0.18		25	
1,2-Dichloroethane	ug/m ³	<0.26	<0.26		25	
Carbon tetrachloride	ug/m ³	0.47J	0.40J		25	
Chloroform	ug/m ³	0.88	0.83	6	25	
cis-1,2-Dichloroethene	ug/m ³	109	106	3	25	
Methylene Chloride	ug/m ³	<0.79	<0.79		25	
Tetrachloroethene	ug/m ³	5.4	5.6	3	25	
trans-1,2-Dichloroethene	ug/m ³	2.5	2.5	2	25	
Trichloroethene	ug/m ³	495	508	3	25	
Vinyl chloride	ug/m ³	<0.12	<0.12		25	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 0441161.03 910 Mayer
Pace Project No.: 10566840

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor, percent moisture, initial weight and final volume.

LOQ - Limit of Quantitation adjusted for dilution factor, percent moisture, initial weight and final volume.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 0441161.03 910 Mayer
Pace Project No.: 10566840

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10566840001	SVE-EFF-20210622	TO-15	751786		

REPORT OF LABORATORY ANALYSIS

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AIR: CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company: EFM	Report To: Pace Analytical	Attention: Brian Beach	Company Name: EFM	Program: <input type="checkbox"/> UST <input type="checkbox"/> Superfund <input type="checkbox"/> Emissions <input type="checkbox"/> Clean Air Act	
Address: 700 W Virginia St. Suite 600 Milwaukee, WI 53140	Copy To: Andrew Corcoran	Address: 3352 125th Ave, Holland, MI	Phone: (412) 484-5500	<input type="checkbox"/> Voluntary Clean Up <input type="checkbox"/> Dry Clean <input type="checkbox"/> RCRA <input type="checkbox"/> Other	
Email To: Pace.Pilot@airm.com	Purchase Order No.: EFM	Pace Quote Reference: 414161.03	Project Name: Old Mayer	Reporting Units: <input type="checkbox"/> Location of Sampling by State WI <input type="checkbox"/> mg/m ³ <input type="checkbox"/> PPBV <input type="checkbox"/> Other	
Requested Due Date/TAT: Standard TAT	Project Number: 414161.03	Pace Project Manager/Sales Rep: Kristen Hegberg	Pace Profile #: 414161	Report Level: <input type="checkbox"/> II <input type="checkbox"/> III <input type="checkbox"/> IV <input type="checkbox"/> Other	
Section D Required Client Information		AIR SAMPLE ID		Method:	
Sample IDs MUST BE UNIQUE				<input checked="" type="checkbox"/> TO-15 Short List VOCs	<input type="checkbox"/> TO-15 Short List Chlorinated
				<input type="checkbox"/> TO-3 BETX	<input type="checkbox"/> TO-15 Full List VOCs
				<input type="checkbox"/> TO-3 BETX	<input type="checkbox"/> TO-14 Methane
				<input type="checkbox"/> TO-3 Field Gas (%)	<input type="checkbox"/> PM10
				<input type="checkbox"/> TO-3 Field Gas (%)	<input type="checkbox"/> Pace Lab ID
ITEM #	COLLECTED	MEDIA CODE	MEDIA CODE	Summa Can Number	Flow Control Number
1	6LC	TB	TB	10566840	1729
2		1 Liter Summa Can	1 LC		
3		6 Liter Summa Can	6 LC		
4		Low Volume Puff	LVP		
5		High Volume Puff	HVP		
6		Other	PM10		
7		COMPOSITE - ENGRAV	COMPOSITE START		
8		DATE: 6/22/21	TIME: 1557		
9		DATE: 6/22/21	TIME: 1654		
10		DATE: 6/22/21	TIME: 1659		
11		DATE: 6/22/21	TIME: 1659		
12		DATE: 6/22/21	TIME: 1659		
Comments :					
RELINQUISHED BY / AFFILIATION		DATE	TIME	ACCEPTED BY / AFFILIATION	DATE
John		6/22/21	1520	Shipped via FedEx	6-23-21
SAMPLE CONDITIONS					
Temp in °C		Sealed Container		Samples intact	
Received on	Y/N	Y/N	Y/N	Y/N	Y/N
Custody	Y/N	Y/N	Y/N	Y/N	Y/N
Sealed Container	Y/N	Y/N	Y/N	Y/N	Y/N
Samples intact	Y/N	Y/N	Y/N	Y/N	Y/N

WO# : 10566840





Document Name:
Sample Condition Upon Receipt (SCUR) - Air
Document No.:
ENV-FRM-MIN4-0113 Rev.00

Document Revised: 24Mar2020
Page 1 of 1
Pace Analytical Services -
Minneapolis

**Air Sample Condition
Upon Receipt**

Client Name: ERM

Project #:

WO# : 10566840

Courier: Fed Ex UPS USPS Client
 Pace SpeeDee Commercial See Exception

Tracking Number: 9753 8443 5032

Custody Seal on Cooler/Box Present? Yes No **Seals Intact?** Yes No

Packing Material: Bubble Wrap Bubble Bags Foam None Tin Can Other: _____ **Temp Blank rec:** Yes No

Temp. (TO17 and TO13 samples only) (°C): _____ Corrected Temp (°C): _____ Thermometer Used: _____
 G87A9170600254
 G87A9155100842

Temp should be above freezing to 6°C **Correction Factor:**

Date & Initials of Person Examining Contents: 8-23-21 MZ

Type of ice Received Blue Wet None

Comments:

Chain of Custody Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	1.
Chain of Custody Filled Out?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	2.
Chain of Custody Relinquished?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	3.
Sampler Name and/or Signature on COC?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
Short Hold Time Analysis (<72 hr)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	8.
Correct Containers Used? (Tedlar bags not acceptable container for TO-14, TO-15 or APH) -Pace Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
Containers Intact? (visual inspection/no leaks when pressurized)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Media: <input checked="" type="checkbox"/> Air Can <input type="checkbox"/> Airbag <input type="checkbox"/> Filter <input type="checkbox"/> TDT <input type="checkbox"/> Passive	11. Individually Certified Cans Y <input checked="" type="checkbox"/> N <i>(list which samples)</i>	
Is sufficient information available to reconcile samples to the COC?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	12.
Do cans need to be pressurized? (DO NOT PRESSURIZE 3C or ASTM 1946!!!)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	13.

Gauge # 10AIR26 10AIR34 10AIR35 4097

CLIENT NOTIFICATION/RESOLUTION

Field Data Required? Yes No

Person Contacted: _____

Date/Time:

Comments/Resolution:

Project Manager Review: Wesley Hooper

Date: 6/24/2021

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office. Page 12 of 12
hold, incorrect preservative, out of temp, incorrect containers)